#### LOS ANGELES COUNTY URBAN RUNOFF AND STORM WATER NPDES PERMIT

#### STANDARD URBAN STORM WATER MITIGATION PLAN

#### **BACKGROUND**

The municipal storm water National Pollutant Discharge Elimination System (NPDES) permit was issued to Los Angeles County and 85 cities by the Los Angeles Regional Water Quality Control Board (Regional Board) on July 15, 1996, required the development and implementation of a program addressing storm water pollution issues in development planning for private projects. The same requirements are applicable to the City of Long Beach under its separate municipal storm water permit, which was issued on June 30, 1999.

The requirement to implement a program for development planning is based on, federal and state statutes including: Section 402 (p) of the Clean Water Act, Section 6217 of the Coastal Zone Act Reauthorization Amendments of 1990 ("CZARA"), and the California Water Code. The Clean Water Act amendments of 1987 established a framework for regulating storm water discharges from municipal, industrial, and construction activities under the NPDES program. The primary objectives of the municipal storm water program requirements are to:

- 1. Effectively prohibit non-storm water discharges, and
- 2. Reduce the discharge of pollutants from storm water conveyance systems to the Maximum Extent Practicable (MEP statutory standard).

The Standard Urban Storm Water Mitigation Plan (SUSMP) was developed as part of the municipal storm water program to address storm water pollution from new Development and Redevelopment by the private sector. This SUSMP contains a list of the minimum required Best Management Practices (BMPs) that must be used for a designated project. Additional BMPs may be required by ordinance or code adopted by the Permittee and applied generally or on a case by case basis. The Permittees are required to adopt the requirements set herein in their own SUSMP. Developers must incorporate appropriate SUSMP requirements into their project plans. Each Permittee will approve the project plan as part of the development plan approval process and prior to issuing building and grading permits for the projects covered by the SUSMP requirements.

On December 13, 2001, the Regional Board issued a new NPDES Permit (2001 Los Angeles County MS4 Permit) to the Los Angeles County Flood Control District, the County of Los Angeles, and 84 cities (Permittees). The following SUSMP requirements updated reflect 2001 Permit have been to the requirements. All projects that fall into one of nine categories are identified in the 2001 Los Angeles County MS4 Permit as requiring SUSMPs. These categories are:

- Single-family hillside home (only development of one acre or more of surface area is subject to the SUSMP numerical design criteria requirement);
- Ten or more unit homes (including single family homes, multifamily homes, condominiums, and apartments);
- A 100,000 or more square feet of impervious surface area industrial/commercial developments;
- Automotive service facilities (SIC 5013, 5014, 5541, 7532-7534, and 7536-7539);
- Retail gasoline outlets;
- Restaurants (SIC 5812);
- Parking lots 5,000 square feet or more of surface area or with 25 or more parking spaces;
- Redevelopment projects in subject categories that meet Redevelopment thresholds; and
- Location within or directly adjacent to or discharging directly to an environmentally sensitive area.

The City of Long Beach permit requires SUSMP for the following categories only: (i) 10-99 home subdivisions; (ii) 100 or more subdivisions; (iii) 100,000 or more square foot commercial developments; and (iv) Projects located adjacent to or discharging to environmentally sensitive areas. For the remaining five categories, equivalent requirements have been included directly in or are expected to be developed shortly under the City of Long Beach Storm Water Management Plan.

Permittees shall amend codes and ordinances, if necessary, not later than August 1, 2002, to give legal effect to the SUSMP requirements. The SUSMP requirements for projects identified herein shall take effect not later than September 2, 2002.

#### **DEFINITIONS**

"100,000 Square Foot Commercial Development" means any commercial development that creates at least 100,000 square feet of impermeable area, including parking areas.

"Automotive Service Facilities" means a facility that is categorized in any one of the following Standard Industrial Classification (SIC) codes: 5013, 5014, 5541, 7532-7534, or 7536-7539.

"Best Management Practice (BMP)" means methods, measures, or practices designed and selected to reduce or eliminate the discharge of pollutants to surface waters from point and nonpoint source discharge including storm water. BMPs include structural and nonstructural controls, and operation and maintenance procedures, which can be applied before, during, and/or after pollution producing activities.

"Commercial Development" means any development on private land that is not heavy industrial or residential. The category includes, but is not limited to: hospitals, laboratories and other medical facilities, educational institutions, recreational facilities,

plant nurseries, multi-apartment buildings, car wash facilities, mini-malls and other business complexes, shopping malls, hotels, office buildings, public warehouses and other light industrial complexes.

"Directly Connected Impervious Area (DCIA)" means the area covered by a building, impermeable pavement, and/ or other impervious surfaces, which drains directly into the storm drain without first flowing across permeable land area (e.g. lawns).

"Environmentally Sensitive Area" means an area "in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which would be easily disturbed or degraded by human activities and developments" (California Public Resources Code § 30107.5). Areas subject to storm water mitigation requirements are: areas designated as Significant Ecological by the County of Los Angeles (Los Angeles County Significant Areas Study, Los Angeles County Department of Regional Planning (1976) and amendments); an area designated as a Significant Natural Area by the California Department of Fish and Game's Significant Natural Areas Program, provided that area has been field verified by the Department of Fish and Game; an area listed in the Basin Plan as supporting the "Rare, Threatened, or Endangered Species (RARE)" beneficial use; and an area identified by a Permittee as environmentally sensitive.

"Hillside" means property located in an area with known erosive soil conditions, where the development contemplates grading on any natural slope that is twenty-five percent or greater.

"Infiltration" means the downward entry of water into the surface of the soil.

"New Development" means land disturbing activities; structural development, including construction or installation of a building or structure, creation of impervious surfaces; and land subdivision.

"Parking Lot" means land area or facility for the parking or storage of motor vehicles used for business, commerce, industry, or personal use, with a lot size of 5,000 square feet or more of surface area, or with 25 or more parking spaces.

"Redevelopment" means a) land-disturbing activity that results in the creation, addition, or replacement of 5,000 square feet or more of impervious surface area on an already Where Redevelopment results in an alteration to more than fifty developed site. percent of impervious surfaces of a previously existing development, and the existing development was not subject to post development storm water quality control requirements, the entire project must be mitigated. Where Redevelopmet results in an alteration to less than fifty percent of impervious surfaces of a previously existing development, and the existing development was not subject to post development storm water quality control requirements, only the alteration must be mitigated, and not the b) Redevelopment does not include routine maintenance to entire development. maintain original line and grade, hydraulic capacity, or original purpose of facility, nor does it include emergency construction activities required to immediately protect public

health and safety. c) Existing single-family structures are exempt from the Redevelopment requirements.

"Restaurant" means a facility that sells prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption. (SIC code 5812).

"Retail Gasoline Outlet" means any facility engaged in selling gasoline and lubricating oils.

"Source Control BMP" means any schedules of activities, prohibitions of practices, maintenance procedures, managerial practices or operational practices that aim to prevent storm water pollution by reducing the potential for contamination at the source of pollution.

"Storm Event" means a rainfall event that produces more than 0.1 inch of precipitation and that, which is separated from the previous storm event by at least 72 hours of dry weather.

"Structural BMP" means any structural facility designed and constructed to mitigate the adverse impacts of storm water and urban runoff pollution (e.g. canopy, structural enclosure). The category may include both Treatment Control BMPs and Source Control BMPs.

"Treatment" means the application of engineered systems that use physical, chemical, or biological processes to remove pollutants. Such processes include, but are not limited to, filtration, gravity settling, media adsorption, biodegradation, biological uptake, chemical oxidation and UV radiation.

"Treatment Control BMP" means any engineered system designed to remove pollutants by simple gravity settling of particulate pollutants, filtration, biological uptake, media adsorption or any other physical, biological, or chemical process.

#### SUSMP PROVISIONS APPLICABLE TO ALL CATEGORIES

#### 1. PEAK STORM WATER RUNOFF DISCHARGE RATES

Post-development peak storm water runoff discharge rates shall not exceed the estimated pre-development rate for developments where the increased peak storm water discharge rate will result in increased potential for downstream erosion.

#### 2. **CONSERVE NATURAL AREAS**

If applicable, the following items are required and must be implemented in the site layout during the subdivision design and approval process, consistent with applicable General Plan and Local Area Plan policies:

- Concentrate or cluster Development on portions of a site while leaving the remaining land in a natural undisturbed condition.
- Limit clearing and grading of native vegetation at a site to the minimum amount needed to build lots, allow access, and provide fire protection.
- Maximize trees and other vegetation at each site by planting additional vegetation, clustering tree areas, and promoting the use of native and/or drought tolerant plants.
- Promote natural vegetation by using parking lot islands and other landscaped areas.
- Preserve riparian areas and wetlands.

#### MINIMIZE STORM WATER POLLUTANTS OF CONCERN 3.

Storm water runoff from a site has the potential to contribute oil and grease, suspended solids, metals, gasoline, pesticides, and pathogens to the storm water conveyance system. The development must be designed so as to minimize, to the maximum extent practicable, the introduction of pollutants of concern that may result in significant impacts, generated from site runoff of directly connected impervious areas (DCIA), to the storm water conveyance system as approved by the building official. Pollutants of concern, consist of any pollutants that exhibit one or more of the following characteristics: current loadings or historic deposits of the pollutant are impacting the beneficial uses of a receiving water, elevated levels of the pollutant are found in sediments of a receiving water and/or have the potential to bioaccumulate in organisms therein, or the detectable inputs of the pollutant are at a concentrations or loads considered potentially toxic to humans and/or flora and fauna.

In meeting this specific requirement, "minimization of the pollutants of concern" will require the incorporation of a BMP or combination of BMPs best suited to maximize the reduction of pollutant loadings in that runoff to the Maximum Extent Practicable. Those BMPs best suited for that purpose are those listed in the California Storm Water Best Management Practices Handbooks; Caltrans Storm Water Quality Handbook: Planning and Design Staff Guide: Manual for Storm Water Management in Washington State: The Maryland Stormwater Design Manual; Florida Development Manual: A Guide to Sound Land and Water Management: Denver Urban Storm Drainage Criteria Manual. Volume 3 - Best Management Practices and Guidance Specifying Management Measures for Sources of Nonpoint Pollution in Coastal Waters, USEPA Report No. EPA-840-B-92-002, as "likely to have significant impact" beneficial to water quality for targeted pollutants that are of concern at the site in question. However, it is possible that a combination of BMPs not so designated, may in a particular circumstance, be better suited to maximize the reduction of the pollutants.

Examples of BMPs that can be used for minimizing the introduction of pollutants of concern generated from site runoff are identified in Table 2. Any BMP not specifically approved by the Regional Board in Resolution No. 99-03, "Approving Best Management Practices for Municipal Storm Water and Urban Runoff Programs in Los Angeles County", for development planning may be used if they have been recommended in one of the above references.

#### PROTECT SLOPES AND CHANNELS 4.

Project plans must include BMPs consistent with local codes and ordinances and the SUSMP to decrease the potential of slopes and/or channels from eroding and impacting storm water runoff:

- Convey runoff safely from the tops of slopes and stabilize disturbed slopes.
- Utilize natural drainage systems to the maximum extent practicable
- Control or reduce or eliminate flow to natural drainage systems to the maximum extent practicable
- Stabilize permanent channel crossings.
- Vegetate slopes with native or drought tolerant vegetation.
- Install energy dissipaters, such as riprap, at the outlets of new storm drains, culverts, conduits, or channels that enter unlined channels in accordance with applicable specifications to minimize erosion, with the approval of all agencies with jurisdiction, e.g., the U.S. Army Corps of Engineers and the California Department of Fish and Game

#### 5. PROVIDE STORM DRAIN SYSTEM STENCILING AND SIGNAGE

Storm drain stencils are highly visible source controls that are typically placed directly adjacent to storm drain inlets. The stencil contains a brief statement that prohibits the dumping of improper materials into the storm water conveyance system. Graphical icons, either illustrating anti-dumping symbols or images of receiving water fauna. are effective supplements to the anti-dumping message.

- All storm drain inlets and catch basins within the project area must be stenciled with prohibitive language (such as: "NO DUMPING - DRAINS TO OCEAN") and/or graphical icons to discourage illegal dumping.
- Signs and prohibitive language and/or graphical icons, which prohibit illegal dumping, must be posted at public access points along channels and creeks within the project area.
- Legibility of stencils and signs must be maintained.

#### PROPERLY DESIGN OUTDOOR MATERIAL STORAGE AREAS 6.

Outdoor material storage areas refer to storage areas or storage facilities solely for the storage of materials. Improper storage of materials outdoors may provide an opportunity for toxic compounds, oil and grease, heavy metals, nutrients, suspended solids, and other pollutants to enter the storm water conveyance system. Where proposed project plans include outdoor areas for storage of materials that may contribute pollutants to the storm water conveyance system, the following Structural or Treatment BMPs are required:

- Materials with the potential to contaminate storm water must be: (1) placed in an enclosure such as, but not limited to, a cabinet, shed, or similar structure that prevents contact with runoff or spillage to the storm water conveyance system; or (2) protected by secondary containment structures such as berms. dikes, or curbs.
- The storage area must be paved and sufficiently impervious to contain leaks and spills.
- The storage area must have a roof or awning to minimize collection of storm water within the secondary containment area.

#### 7. PROPERLY DESIGN TRASH STORAGE AREAS

A trash storage area refers to an area where a trash receptacle or receptacles are located for use as a repository for solid wastes.

Loose trash and debris can be easily transported by the forces of water or wind into nearby storm drain inlets, channels, and/or creeks. All trash container areas must meet the following Structural or Treatment Control BMP requirements (individual single family residences are exempt from these requirements):

- Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).
- Trash container areas must be screened or walled to prevent off-site transport of trash.

#### 8. PROVIDE PROOF OF ONGOING BMP MAINTENANCE

Improper maintenance is one of the most common reasons why water quality controls will not function as designed or which may cause the system to fail entirely. It is important to consider who will be responsible for maintenance of a permanent BMP, and what equipment is required to perform the maintenance properly. As part of project review, if a project applicant has included or is required to include, Structural or Treatment Control BMPs in project plans, the Permittee shall require that the applicant provide verification of maintenance provisions through such means as may be appropriate, including, but not limited to legal agreements, covenants, CEQA mitigation requirements and/or Conditional Use Permits.

For all properties, the verification will include the developer's signed statement, as part of the project application, accepting responsibility for all structural and treatment control BMP maintenance until the time the property is transferred and, where applicable, a signed agreement from the public entity assuming responsibility for Structural or Treatment Control BMP maintenance. The transfer of property to a private or public owner must have conditions requiring the recipient to assume responsibility for maintenance of any Structural or Treatment Control BMP to be included in the sales or lease agreement for that property, and will be the owner's responsibility. The condition of transfer shall include a provision that the property owners conduct maintenance inspection of all Structural or Treatment Control BMPs at least once a year and retain proof of inspection. For residential properties where the Structural or Treatment Control BMPs are located within a common area which will be maintained by a homeowner's association, language regarding the responsibility for maintenance must be included in the projects conditions, covenants and restrictions (CC&Rs). Printed educational materials will be required to accompany the first deed transfer to highlight the existence

of the requirement and to provide information on what storm water management facilities are present, signs that maintenance is needed, how the necessary maintenance can be performed, and assistance that the Permittee can provide. The transfer of this information shall also be required with any subsequent sale of the property.

If Structural or Treatment Control BMPs are located within a public area proposed for transfer, they will be the responsibility of the developer until they are accepted for transfer by the County or other appropriate public agency. Structural or Treatment Control BMPs proposed for transfer must meet design standards adopted by the public entity for the BMP installed and should be approved by the County or other appropriate public agency prior to its installation.

#### 9. DESIGN STANDARDS FOR STRUCTURAL OR TREATMENT CONTROL BMPs

Structural or Treatment control BMPs selected for use at any following categories of planning development project shall meet the design standards of this Section unless specifically exempted:

- a) Single-family hillside residential developments of one acre or more of surface area;
- Housing developments (includes single family homes, multifamily homes, condominium, and b) apartments) of ten units or more;
- A 100,000 square feet or more impervious surface area industrial/commercial development; c)
- d) Automotive service facilities (SIC 5013, 5014, 5541, 7532-7534 and 7536-7538) [5,000 square feet or more of surface area];
- Retail gasoline outlets [5,000 square feet or more impervious surface area and with projected e) Average Daily Traffic (ADT) of 100 or more vehicles]. Subsurface Treatment Control BMPs which may endanger public safety (i.e., create an explosive environment) are considered not appropriate:
- f) Restaurants (SIC 5812) [5,000 square feet or more of surface area]:
- Parking lot 5,000 square feet or more of surface area or with 25 or more parking spaces; g)
- h) Projects located in, adjacent to or discharging directly to an ESA that meet the following threshold conditions:
  - Discharge storm water and urban runoff that is likely to impact a sensitive biological species or habitat; and
  - Create 2,500 square feet or more of impervious surface area.
- i) Redevelopment projects in subject categories that meet Redevelopment thresholds (see Redevelopment definition).

Post-construction Structural or Treatment Control BMPs shall be designed to:

A. mitigate (infiltrate, filter or treat) storm water runoff from either:

- Volumetric Treatment Control BMP a)
  - (1) the 85th percentile 24-hour runoff event determined as the maximized capture storm water volume for the area, from the formula recommended in Urban Runoff Quality Management, WEF Manual of Practice No. 23/ ASCE Manual of Practice No. 87, (1998), or
  - (2) the volume of annual runoff based on unit basin storage water quality volume, to achieve 80 percent or more volume treatment by the method recommended in California Stormwater Best Management Practices Handbook - Industrial/ Commercial, (1993), or
  - (3) the volume of runoff produced from a 0.75 inch storm event, prior to its discharge to a storm water conveyance system, or
  - the volume of runoff produced from a historical-record based reference 24-hour (4) rainfall criterion for "treatment" (0.75 inch average for the Los Angeles County area) that achieves approximately the same reduction in pollutant loads achieved by the 85th percentile 24-hour runoff event.
- b) Flow Based Treatment Control BMP
  - the flow of runoff produced from a rain event equal to at least 0.2 inches per hour (1) intensity, or
  - (2) the flow of runoff produced from a rain event equal to at least two times the 85th percentile hourly rainfall intensity for Los Angeles County, or
  - (3) the flow of runoff produced from a rain event that will result in treatment of the same portion of runoff as treated using volumetric standards above.

#### PROVISIONS APPLICABLE TO INDIVIDUAL PRIORITY PROJECT 10. **CATEGORIES**

#### REQUIREMENTS

#### A. SINGLE-FAMILY HILLSIDE HOME

- (1) Conserve natural areas;
- (2) Protect slopes and channels;
- (3) Provide storm drain system stenciling and signage;
- (4) Divert roof runoff to vegetated areas before discharge unless the diversion would result in slope instability; and
- (5) Direct surface flow to vegetated areas before discharge unless the diversion would result in slope instability

## B. 100,000 SQUARE FOOT COMMERCIAL DEVELOPMENTS

#### 1. PROPERLY DESIGN LOADING/UNLOADING DOCK AREAS

Loading/unloading dock areas have the potential for material spills to be quickly transported to the storm water conveyance system. To minimize this potential, the following design criteria are required:

- Cover loading dock areas or design drainage to minimize run-on and runoff of storm water.
- Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.

#### PROPERLY DESIGN REPAIR/MAINTENANCE BAYS

Oil and grease, solvents, car battery acid, coolant and gasoline from the repair/maintenance bays can negatively impact storm water if allowed to come into contact with storm water runoff. Therefore, design plans for repair bays must include the following:

- Repair/maintenance bays must be indoors or designed in such a way that doesn't allow storm water runon or contact with storm water runoff.
- Design a repair/maintenance bay drainage system to capture all washwater, leaks and spills. Connect drains to a sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required by local jurisdiction, obtain an Industrial Waste Discharge Permit.

#### PROPERLY DESIGN VEHICLE/EQUIPMENT WASH AREAS 3.

The activity of vehicle/equipment washing/steam cleaning has the potential to contribute metals, oil and grease, solvents, phosphates, and suspended solids to the storm water conveyance system. Include in the project plans an area for washing/steam cleaning of vehicles and equipment. The area in the site design must be:

Self-contained and/ or covered, equipped with a clarifier, or other pretreatment facility, and properly connected to a sanitary sewer.

### C. RESTAURANTS

#### 1. PROPERLY DESIGN EQUIPMENT/ACCESSORY WASH AREAS

The activity of outdoor equipment/accessory washing/steam cleaning has the potential to contribute metals, oil and grease, solvents, phosphates, and suspended solids to the storm water conveyance system. Include in the project plans an area for the washing/steam cleaning of equipment and accessories. This area must be:

- Self-contained, equipped with a grease trap, and properly connected to a sanitary sewer.
- If the wash area is to be located outdoors, it must be covered, paved, have secondary containment, and be connected to the sanitary sewer.

### D. RETAIL GASOLINE OUTLETS

#### PROPERLY DESIGN FUELING AREA 1.

Fueling areas have the potential to contribute oil and grease, solvents, car battery acid, coolant and gasoline to the storm water conveyance system. The project plans must include the following BMPs:

- The fuel dispensing area must be covered with an overhanging roof structure or canopy. canopy's minimum dimensions must be equal to or greater than the area within the grade break. The canopy must not drain onto the fuel dispensing area, and the canopy downspouts must be routed to prevent drainage across the fueling area.
- The fuel dispensing area must be paved with Portland cement concrete (or equivalent smooth impervious surface), and the use of asphalt concrete shall be prohibited.
- The fuel dispensing area must have a 2% to 4% slope to prevent ponding, and must be separated from the rest of the site by a grade break that prevents run-on of storm water to the extent practicable.
- At a minimum, the concrete fuel dispensing area must extend 6.5 feet (2.0 meters) from the corner of each fuel dispenser, or the length at which the hose and nozzle assembly may be operated plus 1 foot (0.3 meter), whichever is less.

## E. AUTOMOTIVE REPAIR SHOPS

#### 1. PROPERLY DESIGN FUELING AREA

Fueling areas have the potential to contribute oil and grease, solvents, car battery acid, coolant and gasoline to the storm water conveyance system. Therefore, design plans, which include fueling areas, must contain the following:

- The fuel dispensing area should be covered with an overhanging roof structure or canopy. The cover's minimum dimensions must be equal to or greater than the area within the grade break. The cover must not drain onto the fuel dispensing area and the downspouts must be routed to prevent drainage across the fueling area.
- The fuel dispensing areas must be paved with Portland cement concrete (or equivalent smooth impervious surface), and the use of asphalt concrete shall be prohibited.
- The fuel dispensing area must have a 2% to 4% slope to prevent ponding, and must be separated from the rest of the site by a grade break that prevents run-on of storm water.
- At a minimum, the concrete fuel dispensing area must extend 6.5 feet (2.0 meters) from the corner of each fuel dispenser, or the length at which the hose and nozzle assembly may be operated plus 1 foot (0.3 meter), whichever is less.

#### PROPERLY DESIGN REPAIR/MAINTENANCE BAYS 2.

Oil and grease, solvents, car battery acid, coolant and gasoline from the repair/maintenance bays can negatively impact storm water if allowed to come into contact with storm water runoff. Therefore, design plans for repair bays must include the following:

- Repair/maintenance bays must be indoors or designed in such a way that doesn't allow storm water run-on or contact with storm water runoff.
- Design a repair/maintenance bay drainage system to capture all wash-water, leaks and spills. Connect drains to a sump for collection and disposal. Direct connection of the repair/maintenance bays to the storm drain system is prohibited. If required by local jurisdiction, obtain an Industrial Waste Discharge Permit.

#### 3. PROPERLY DESIGN VEHICLE/EQUIPMENT WASH AREAS

The activity of vehicle/equipment washing/steam cleaning has the potential to contribute metals, oil and grease, solvents, phosphates, and suspended solids to the storm water conveyance system. Include in the project plans an area for washing/steam cleaning of vehicles and equipment. This area must be:

• Self-contained and/or covered, equipped with a clarifier, or other pretreatment facility, and properly connected to a sanitary sewer or to a permitted disposal facility.

#### 4. PROPERLY DESIGN LOADING/UNLOADING DOCK AREAS

Loading/unloading dock areas have the potential for material spills to be quickly transported to the storm water conveyance system. To minimize this potential, the following design criteria are required:

- Cover loading dock areas or design drainage to minimize run-on and runoff of storm water.
- Direct connections to storm drains from depressed loading docks (truck wells) are prohibited.

## F. PARKING LOTS

#### 1. PROPERLY DESIGN PARKING AREA

Parking lots contain pollutants such as heavy metals, oil and grease, and polycyclic aromatic hydrocarbons that are deposited on parking lot surfaces by motor-vehicles. These pollutants are directly transported to surface waters. To minimize the offsite transport of pollutants, the following design criteria are required:

- Reduce impervious land coverage of parking areas
- Infiltrate runoff before it reaches storm drain system.
- Treat runoff before it reaches storm drain system

## 2. PROPERLY DESIGN TO LIMIT OIL CONTAMINATION AND PERFORM MAINTENANCE

Parking lots may accumulate oil, grease, and water insoluble hydrocarbons from vehicle drippings and engine system leaks.

- Treat to remove oil and petroleum hydrocarbons at parking lots that are heavily used (e.g. fast food outlets, lots with 25 or more parking spaces, sports event parking lots, shopping malls, grocery stores, discount warehouse stores)
- Ensure adequate operation and maintenance of treatment systems particularly sludge and oil removal, and system fouling and plugging prevention control

#### 11. WAIVER

A Permittee may, through adoption of an ordinance or code incorporating the treatment requirements of the SUSMP, provide for a waiver from the requirement if impracticability for a specific property can be established. A waiver of impracticability shall be granted only when all other Structural or Treatment Control BMPs have been considered and rejected as infeasible. Recognized situations of impracticability include, (i) extreme limitations of space for treatment on a redevelopment project, (ii) unfavorable or unstable soil conditions at a site to attempt infiltration, and (iii) risk of ground water contamination because a known unconfined aquifer lies beneath the land surface or an existing or potential underground source of drinking water is less than 10 feet from the soil surface. Any other justification for impracticability must be separately petitioned by the Permittee and submitted to the Regional Board for consideration. The Regional Board may consider approval of the waiver justification or may delegate the authority to approve a class of waiver justifications to the Regional Board Executive Officer. The supplementary waiver justification becomes recognized and effective only after approval by the Regional Board or the Regional Board Executive Officer. A waiver granted by a Permittee to any development or redevelopment project may be revoked by the Regional Board Executive Officer for cause and with proper notice upon petition.

#### 12. MITIGATION FUNDING

The Permittees may propose a management framework, for endorsement by the Regional Board Executive Officer, to support regional or sub-regional solutions to storm water pollution, where any of the following situation occur:

- a) A waiver for impracticability is granted
- b) Legislative funds become available;
- c) Off-site mitigation is required because of loss of environmental habitat; or
- d) An approved watershed management plan or a regional storm water mitigation plan exists that incorporates an equivalent or improved strategy for stomr water mitigation.

### 13. LIMITATION ON USE OF INFILTRATION BMPs

Three factors significantly influence the potential for storm water to contaminate ground water. They are (i) pollutant mobility, (ii) pollutant abundance in storm water, (iii) and soluble fraction of pollutant. The risk of contamination of groundwater may be reduced

by pretreatment of storm water. A discussion of limitations and guidance for infiltration practices is contained in. Potential Groundwater Contamination from Intentional and Non-Intentional Stormwater Infiltration, Report No. EPA/600/R-94/051, USEPA (1994).

In addition, the distance of the groundwater table from the infiltration BMP may also be a factor determining the risk of contamination. A water table distance separation of ten feet depth in California presumptively poses negligible risk for storm water not associated with industrial activity or high vehicular traffic.

Infiltration BMPs are not recommended for areas of industrial activity or areas subject to high vehicular traffic (25,000 or greater average daily traffic (ADT) on main roadway or 15,000 or more ADT on any intersecting roadway) unless appropriate pretreatment is provided to ensure groundwater is protected and the infiltration BMP is not rendered ineffective by overload.

#### CERTIFICATION FOR 14. **ALTERNATIVE** STORM WATER **TREATMENT MITIGATION**

In lieu of conducting detailed BMP review to verify Structural or Treatment Control BMPs adequacy, a Permittee may elect to accept a signed certification from a Civil Engineer or a Licensed Architect registered in the State of California, that the plan meets the criteria established herein. The Permittee is encouraged to verify that certifying person(s) have been trained on BMP design for water quality, not more than two years prior to the signature date. Training conducted by an organization with storm water BMP design expertise (e.g., a University, American Society of Civil Engineers, American Society of Landscape Architects, American Public Works Association, or the California Water Environment Association) may be considered qualifying.

#### **RESOURCES AND REFERENCE** 15.

## Table 1

SUGGESTED RESOURCES	HOW TO GET A COPY
Start at the Source (1999) by Bay Area Stormwater Management Agencies Association	Bay Area Stormwater Management Agencies Association
Detailed discussion of permeable pavements and	2101 Webster Street Suite 500
alternative driveway designs presented.	Oakland, CA
	510-286-1255
Design of Stormwater Filtering Systems (1996) by	Center for Watershed Protection
Richard A. Claytor and Thomas R. Schuler	8391 Main Street
Presents detailed engineering guidance on ten different storm water-filtering systems.	Ellicott City, MD 21043
and the second s	410-461-8323
Better Site Design: A Handbook for Changing	Center for Watershed Protection
Development Rules in Your Community (1998)	8391 Main Street
Presents guidance for different model development alternatives.	Ellicott City, MD 21043
	410-461-8323
Design Manual for Use of Bioretention in	Prince George's County
Stormwater Management (1993)	Watershed Protection Branch
Presents guidance for designing bioretention facilities.	9400 Peppercorn Place, Suite 600
	Landover, MD 20785
Operation, Maintenance and Management of	Watershed Management Institute, Inc.
Stormwater Management (1997)	410 White Oak Drive
Provides a thorough look at stormwater practices including, planning and design considerations,	Crawfordville, FL 32327
programmatic and regulatory aspects, maintenance	850-926-5310
considerations, and costs.	Los Appelos County Department of Dublic Works
California Storm Water Best Management Practices Handbooks (1993) for Construction Activity,	Los Angeles County Department of Public Works
Municipal, and Industrial/Commercial	Cashiers Office
Presents a description of a large variety of	900 S. Fremont Avenue
Structural BMPs, Treatment Control, BMPs and Source Control BMPs	Alhambra, CA 91803
	626-458-6959

## **Appendix D**

## **Standard Urban Storm Water Mitigation Plan**

-	
Second Nature: Adapting LA's Landscape for Sustainable Living (1999) by Tree People	Tree People
Detailed discussion of BMP designs presented to	12601 Mullholland Drive
conserve water, improve water quality, and achieve	Beverly Hills, CA 90210
flood protection.	818-753-4600 (?)
Florida Development Manual: A Guide to Sound Land and Water Management (1988)	Florida Department of the Environment 2600 Blairstone Road, Mail Station 3570
Presents detailed guidance for designing BMPs	Tallahassee, FL 32399
	850-921-9472
Stormwater Management in Washington State	Department of Printing
(1999) Vols. 1-5	State of Washington Department of Ecology
Presents detailed guidance on BMP design for new development and construction.	P.O. Box 798
development and construction.	Olympia, WA 98507-0798
	360-407-7529
Maryland Stormwater Design Manual (1999)	Maryland Department of the Environment
Presents guidance for designing storm water BMPs	2500 Broening Highway
	Baltimore, MD 21224
	410-631-3000
Texas Nonpoint Source Book – Online Module	Texas Statewide Storm Water Quality Task Force
(1998) <u>www.txnpsbook.org</u>	North Central Texas Council of Governments
	616 Six Flags Drive
Presents BMP design and guidance information on- line	Arlington, TX 76005
inie	817-695-9150
Urban Storm Drainage, Criteria Manual – Volume 3,	Urban Drainage and Flood Control District
Best Management Practices (1999)	2480 West 26th Avenue, Suite 156-B
Presents guidance for designing BMPs	Denver, CO 80211
	303-45 303-455-6277
Guidance Specifying Management Measures for Sources of Nonpoint Pollution in Coastal Waters	National Technical Information Service U.S. Department of Commerce
(1993) Report No. EPA–840-B-92-002.	Springfield, VA 22161
Provides an overview of, planning and design	800-553-6847
considerations, programmatic and regulatory aspects, maintenance considerations, and costs.	000-000-1
National Stormwater Best Management Practices	American Society of Civil Engineers
(BMP) Database, Version 1.0	1801 Alexander Bell Drive
Provides data on performance and evaluation of storm water BMPs	Reston, VA 20191
	703-296-6000

## **Appendix D**

## **Standard Urban Storm Water Mitigation Plan**

Caltrans Storm Water Quality Handbook: Planning and Design Staff Guide (Best Management Practices Handbooks (1998)

Presents guidance for design of storm water BMPs

California Department of Transportation

P.O. Box 942874

Sacramento, CA 94274-0001

916-653-2975

### Table 2

### **EXAMPLE BEST MANAGEMENT PRACTICES (BMPs)**

The following are examples of BMPs that can be used for minimizing the introduction of pollutants of concern that may result in significant impacts, generated from site runoff to the storm water conveyance system. (See Table 1: Suggested Resources for additional sources of information):

- Provide reduced width sidewalks and incorporate landscaped buffer areas between sidewalks and However, sidewalk widths must still comply with regulations for the Americans with Disabilities Act and other life safety requirements.
- Design residential streets for the minimum required pavement widths needed to comply with all zoning and applicable ordinances to support travel lanes; on-street parking; emergency, maintenance, and service vehicle access; sidewalks; and vegetated open channels.
- Comply with all zoning and applicable ordinances to minimize the number of residential street cul-desacs and incorporate landscaped areas to reduce their impervious cover. The radius of cul-de-sacs should be the minimum required to accommodate emergency and maintenance vehicles. Alternative turnarounds should be considered.
- Use permeable materials for private sidewalks, driveways, parking lots, or interior roadway surfaces (examples: hybrid lots, parking groves, permeable overflow parking, etc.).
- Use open space development that incorporates smaller lot sizes.
- Reduce building density.
- Comply with all zoning and applicable ordinances to reduce overall lot imperviousness by promoting alternative driveway surfaces and shared driveways that connect two or more homes together.
- Comply with all zoning and applicable ordinances to reduce the overall imperviousness associated with parking lots by providing compact car spaces, minimizing stall dimensions, incorporating efficient parking lanes, and using pervious materials in spillover parking areas.
- Direct rooftop runoff to pervious areas such as yards, open channels, or vegetated areas, and avoid routing rooftop runoff to the roadway or the storm water conveyance system.
- Vegetated swales and strips
- Extended/dry detention basins
- Infiltration basin
- Infiltration trenches
- Wet ponds
- Constructed wetlands
- Oil/Water separators
- Catch basin inserts
- Continuous flow deflection/ separation systems

## **Standard Urban Storm Water Mitigation Plan**

- Storm drain inserts
- Media filtration
- Bioretention facility
- Dry-wells
- Cisterns
- Foundation planting
- Catch basin screens
- Normal flow storage/ separation systems
- Clarifiers
- Filtration systems
- Primary waste water treatment systems

## TABLE 3

## HABITAT PROTECTION IN THE LOS ANGELES COUNTY AREA

## Agency:

Los Angeles County Department of Regional Planning

### **Designation:**

Significant Ecological Areas (SEA)

#### Definitions:

Significant Ecological Areas (SEAs) are areas that have been identified by the Los Angeles County General Plan as containing unique or unusual species assemblages, or areas of habitat that are rapidly declining in the Los Angeles County. The SEAs were established to protect a special or sometimes unique collection of habitats and species from loss due to encroachment and human disturbances. However, SEAs are not intended to function as isolated preservation areas.

#### Affected Areas:

(See Figure 1)

#### Agency:

Los Angeles Regional Water Quality Control Board

#### **Designation:**

Rare, Threatened, or Endangered Species (RARE)

#### Definitions:

An area listed in the Los Angeles Basin Plan as supporting the "RARE, Threatened, or Endangered Species (RARE)" beneficial use.

#### Affected Areas:

(See Table 2A)

## Agency:

California Department of Fish & Game

## **Designation:**

Significant Natural Area (SNA)

## **Definitions:**

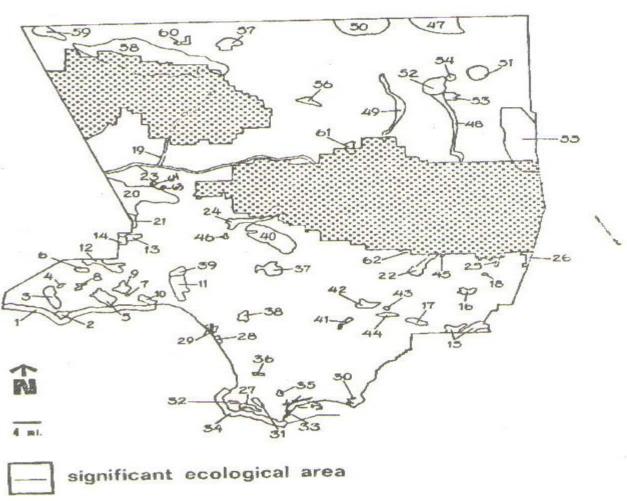
An area designated by the California Department of Fish and Game's Significant Natural Areas.

## **Affected Area:**

N/A

## FIGURE 1

## SIGNIFICANT ECOLOGICAL AREAS IN LOS ANGELES COUNTY



national forest

TABLE 2A

Water Quality Control Plan Los Angeles Region

Chapter: Beneficial Uses

Table 2-1

Los Angeles Regional Water Quality Control Board

							l	-	1	١	I	l											able Page	age
WATERSHED.	Hydro. Unit No.	MUN	N	PROC	AGR	GWR	FRSH	NAV	POW R	REC1 R	REC2 COI	COMM AQUA	UA WARM	M COLD	SAL	EST	MAR	WILD	BIOL	RARE	MIGR	SPWN SHELL WET	HELL	WET
VENTURA COUNTY COASTAL STREAMS	1.0	. 3		7.					$\vdash$	$\vdash$				_	L							T		
Los Sauces Creek	401.00	a e	-	-	-	- 1	WANTED ST	SECURIOR SAN	- Section of the last	-	-	-	-	-	-	-		ш			-	-		
Madrano Canyon	40.00	å																шш			Sept.			
Javon Canyon	401.00	å	-	-	_	_	-		-	-	-		-	-			-	Е		The same of	-			ш
Padre Juan Canyon	401.00	å	-	-	-	-					_		-	-				w			-	_		ı
McGrath Lake c Big Sycamore Canyon Creek	403.11	å								B _	Ed -			ш		ш	MIN.	ши		Ee				ш
Little Sycamore Canyon Creek	404.45	å									-	100	-		The second	The same		<b>u</b>		E		4		ш
WENTHON DAYED WATED CUED	Name and Address of the Owner, where		SURFEE	Necessar	- Total State of the last of t	CHARACTE	Total Control	- Control	100000000000000000000000000000000000000	SIDE	1000000	The Paris	CONTRACTOR OF THE PERSON OF TH		The state of the s	20.00.00.00.00	BATTALIST STATE	Cheminator		- Commonweal				
Ventura River Estuary c	402.10							E			E E		u.			ų.	Ц	ų		4	Ĺ	ď		L
Ventura River	402.10	å	ш		ш	ш	ш			_			ш	ш		-	200	ш	No.	ш	ш	ш	ď	и ц
Ventura River	402.20	ш	ш	ш	ш	ш	ш				Е		ш	ш				ш		ü	ш	ı w		J LL
Cafleda Larga	402.10	à u	·			- 0	_ 0			PROSE SURE						100		ш	1000					疆
Lake Casitas tributarias	402 20	i	-	-	9 0	-		THE STREET	100				1	P .	THE SALE		September 1	E	No.	Ę				
Coyote Creek below dam	402.20	å	elle:			. ш			-	J 0.	u		ш	ш				ш		۵.	ш и	ш и		ш
San Antonio Creek	402.20	ш	3	ш	Ę	3					3		E	E	H		Marin Se	E			-	35	SHIRE	u u
San Antonio Creek	402.32	Е	Е	E	E	E	E			E	E		ш	E				Ę			В	ш		ш
Lion Creek	402.31		_	-	_		-		_	-	_		-	-				ш						
Keeves Creek	402.32	200	-80000	-	- Constitution	-	Tanana and	- NORWOOD	-	-	- I	Contract of the Contract of th	-	-		-		ш			-	_		
Opel Welland	402.20	. &				u u				2 0	. u		шш					ши	1					<b>3</b> 1
Matilija Creek	402.20	å				В			-		ш	-		В	THE STATE OF	Total Park			No. of Section	STORES OF	4	4		u u
Murietta Canyon Creek	402.20	à		ON THE OWNER OF THE OWNER		В		-	-		E			ш				ш			ш	ш		ш
North Fork Matilja Creek Matilja Resenor	402.20	ů u	ש	ш	шш	шш	B			E E	E E		шш	шш				E E		E	шш	шш		шш
SANTA CLARA RIVER WATERSHED																							-	
Santa Clara River Estuary c. Santa Clara River	403.11	å	E	В	Ш	ш	E C	9		H 1	<u>u</u>		ų.	4		9	E	ш		a .	5	E		ш
Santa Clara River	403.21	å	В	В	E	В	E	- Indiana	3	H	-		ш				Mediana	ш		_	_		TO SERVICE SER	<b>1</b>
Santa Clara River	403.31	å	ш	ш	ш	ш	Е		ш	E	ш		ш					ш		ш	, ш			u
Santa Clara River Santa Clara River	403.41	å å	in in	w u	E L	шп	m t			ши	m ii		ш				開	ň,		3	E			E
Santa Ciara River (Soledad Cyn)	403.55	£.	E	ш	E	В	ш Ш		3	-	-		В				31451010	u		i i				
Santa Paula Creek	403.21	۵	ш	ш	В	Э	<b>E</b>		ш	ш	ш	_	ш	ш				ı w		i w	ш	ш		u
red 89-03.		hes are consistent on all beneficial use tab entrodies are its stem unipple innes if they or critical use designations apply to all tribution arbodies designated as WET may have w regulatory exton vondir equire a cetalished all waterbodies which are also issue in Co and public access precludes full utilization.	d multipl d multipl stions ag ted as W would rr which an	eneficial le times i pply to al VET may lequire a le also lis	use table if they crr it tributar have we detailed a ted in Co	75. 155 hydro 6s to the Gands ha malysis o astal Fea	the are consistent on all beneficial use tables.  Find order are itself multiple times if they cross in thickopic area or subarea boundaries sefucial use a designations apply to all tributions to the inclusions waterbody. If not listed seperately, and order designations apply to all tributions to the inclusions waterbody and would require a detailed analysis of the area.  The signature area or would require a detailed analysis of the area.  Sall wishorogies which are also isled in Coastal Features Table (2-3) or in Wetlands Table (2-4), and public access precludes full utilization.	or suba waterbo ociated w	rea boun dy, if not ith only a or in Wetl	idaries listed se portion llands Ta	hes are consistent on all beneficial use tables.  The state of the state of the state of the state of subarea boundaries affects are sisted multiple finise if they cross hydrologic area or subarea boundaries reform use designations apply to all tributaries to the indicated waterbody, if not it state separately. An entertion of the state of t	erbody.	A 0 F 0 V 0	tuatic org r spawnin fuenced t nudor refu ster cortu	anisms u g and ea yy freshw gge. ict recrea	Aquetic organisms vultize all tays, estuaries, lagocins and coastal wetlands, to a certain extent for spawning and early development. This may include migration into areas which are heavily Condor entige.  Condor entige.  Water contact recreational activities prohibited by Casilas MAVD.  Soledae Canyon is the habitat of the Unamored Three-Spine Sickletack.	ays, est poment. ts. tivities pr	Uaries, la This may rohibited inarmore	goons an include by Casita d Three-i	nd coastz migratio as MWD Spine St	il wettand n into are	is, to a ce	ara hea	vily.
pages 2-3,4 for more details).				- T	day, ung	, astero	189, BIN.	osstal m	epunga i	or rorays	of motor lare apectes durize an ocean, days, esturaries, and coastal wetlands for foraging and/or nesting.	nesting.												

<sup>2-6</sup> 

Los Angeles Regional Water Qua	
Angeles Regional Water Quality Conf	
ntrol Board	

NAM	2000							1	-	-				-		1	Н	Н	_	ь.			-		A
######################################	WATERSHED.	Hydro. Unit No.	MCN	Q	PROC		GWR	200	NAV	1				DO WA			EST		_	_	_	MIGR	SPWNS	ELL V	NET.
40321 P P P P P P P P P P P P P P P P P P P	SANTA CLARA RIVER WATERSHED (CON	F												_			neav.		- 3	_			- 9		
## 1932 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Sisar Creek	403.21	۵	ш	۵	ш	ш				ш	ш		B	7	-		-	ш		Eg	-	В	-	E
10.322 pp. 12. 2	Sisar Creek	403.22	٥. ٥	w u	a. u	ши	ш и				m n	ши		ши	機器				шш	W	<u>п</u> п	3	ш w		шш
70 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Vespe Creek	10.004				-		Name of the last	COSTORIO	Section 1	4	-	200	L L	8	CONTRACTOR.	NAME OF TAXABLE PARTY.	Sa Secretaria	ц	4	Fo	E	В	-	ш
100 22 P P P P P P P P P P P P P P P P P	Sespe Creek	403.32		u		u	u ı		-		J U		-	1	-	*			ш	ш	ůщ	ш	ш		ш
403.22 P	Timber Creek	403.32		Section Sectin Section Section Section Section Section Section Section Section	-	The state of the state of	4	1	THE REAL PROPERTY.	acceptant.	u de	E STOWNS	CONTRACTOR OF THE PERSON	The same	-1	NATIONAL PROPERTY.	Spiriture of	CHICAGO	CHOCK OF	100	The state of	1	STATE OF	STATE OF	100
100322 Pr P P P P P P P P P P P P P P P P P	Bear Canyon	403.32	å	1000			<b>4</b> (				ш 1	E			901		10		ט ע	u L	ם ע	ט ע	ם ע		u u
40332 PP 40333 PP 40332 PP 40333 PP 40332 PP 403	Trout Creek	403.32	4	SHORT	STATE OF	STATE OF	=	THE REAL PROPERTY.	diament of the	STATE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	E	-	STORY OF THE PERSON	STATE OF	B	ALC: UNITED BY	S NOTES	STATE OF THE PERSON	-	S APPLES		-	u	NAME OF TAXABLE PARTY.	u
40332 Pr. 40333	Piedra Blanca Creek	403.32	å				ш				ויש	ш							וו		u	u u	J L		
403.2 p-7 403.2 p-7 403.2 p-7 403.3 p-7 403.3 p-7 403.4 p-7 403.5	Lion Canyon	403.32	å				ш	-	-	-		ш	-	E CONTRACTOR	-1	-	-	Contract of	1	September 1	-	2	THE STREET	<b>PATRICIA</b>	u
40332 P7	Rose Valley Creek	403.32	å	STORY OF			E			200	<b>3</b> (E)	ш	36	-	323	1			ш .		·		<b>1</b> ) L		ע ע
40032 PT	Howard Creek	403.32	à	100	1		=	THE PERSON NAMED IN	の日日日	No.	E	E	Sec.		2		1000000		-	2	5	4			
40034 Pr E E E E E E E E E E E E E E E E E E	Tule Creek	403.32	å				ш				۵.	ш	-		۵.				וע	ш	וע	וע	<b>ш</b> і		u t
40041 PP E E E E E E E E E E E E E E E E E E	Potrero John Creek	403.32	å				ш				3	ш				-	-	-	В	No. of Concession,	Е	=	F	NUMBER OF STREET	u II
403.41 P E E E E E E E E E E E E E E E E E E	Hopper Creek	403.41	ě.	E		E	3	ш	1		w	E		4	330		200		3		Eg				Э 1
403.42 P E E E E E E E E E E E E E E E E E E	Piru Greek	403.41	Ь	3	3	ш	ш	Э			3	ш		4	33		THE REAL PROPERTY.		E	NAME OF TAXABLE PARTY.	E9	3	E	NAME OF	3
40342 E E E E E P P E E E E E E E E E E E E	Piru Creek	403.42	۵	ш	ш	Е	ш	ш			ш	ш		ш		_			ш		Eg		ш		ш
40342 P E E E P P P E E E P P P E E E P P P P E E P P P P E P	Lake Piru	403.41	۵	ш	ш	ш	ш	۵			В	ш		ш		-			ш		ш		ш	-	-
403.43   1   1   1   1   1   1   1   1   1	Lake Piru	403.42	۵	ш	3	ш	¥	۵.			3	E	開発を	3	WS.				H	語の	а		9		
403.43   1	Pyramid Lake	403.42	3	E	ш	ш	ш	а			ш	ш		3	瓤				E		3	Į.			
403.42   F.	Cañada de los Alamos	403.43	•			-	_	_			_	_	_	-	-	_			ш		ш	_			
40342 P. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Gorman Creek	403.43	<u>.</u>			-	-				_	_		-	-	-	-	-	<b>u</b>	-	۵	03000000	and or other Date	- Contract	-
40351   P   P   P   P   P   P   P   E   E   E	Lockwood Creek	403.42																	шш				100		
40351   1   1   1   1   1   1   1   1   1	Tano Canuon	403 41	à			۵	Name of Street				a	E		В					ш						
40351 E E E E E E E E E E E E E E E E E E E	Castair Creek	403.51		-	_	_	_	7	-			ш	-	-		-			ш		ш				
40351 E E E E E E E E E E E E E E E E E E E	Castsle I accon	403.51	ů.	3	3		E	E	STATE OF	STATE OF THE PARTY	E	9	200	100					3	The state of the s					
40351 E E E E E E E E E E E E E E E E E E E	Gastaio Lake	403.51	. E	B	ш		E	Е	.0		E	E		1		P. 1.1.			E		ш		E		Ó
403.51   1   1   1   1   1   1   1   1   1	Elderberry Forebay	403.51	ш	ш	ш	ш	ш	ш		ш	ŭ	ш	-	ш					ш		ш		ш		Ī
40351   1   1   1   1   1   1   1   1   1	Elizabeth Lake Canyon	403.51	_	-	-	-	-	-			_	ш		-	-			-	ш			-	The state of the s	- Contraction	1
40351 E1 E1 P1 P1 E P Em E E E E P P	San Francisquito Canyon I	403.51					-												ш Ш		E				ш
403.51 E I E I P1 P1 E P Em E E E E E F P F Em E E E E E E E F P F Em E E E E E E E E E E E E E E E E E	Court Took (Verille Little Ave.)	403.51	ò				L.			-00000	¥	F	THOUSE STATE OF THE PERSON SHAPE	4			dir es here	The same of	3	NAME OF TAXABLE PARTY.	ш				E
403.52 P P P E E P P P P P E E E F F E E E E E	Bound Capaci	403.51		Ē	ā	ď	ш	۵			E	ш		ш					ш				۵.		ш
1 403.51 E E E E P P P P R E E E E F P P P R E E E E E F P P P P R E E E E E E P P P P R E E E E	Bournet Carion	483.52	d	٥	d	13	E	P		CARRE	Em		No. of Lot	100 Miles	驑		THE PERSON NAMED IN		E	はない	E		S. S. S. S. S.		ш
1 403.51 E E E E P P P P R E E E F F P P P R F F F F F F F F F F F F F F	On Canon Creek	403.51			The second										劃				W						
Footnote are constituted to all beneficial tree below.	Dry Canyon Reservoir	403.51	ш	ш	ш	ш	۵	۵		۵	¥	ш		<b></b>			_		ш						
Formulae are consistent on all beneficial use tibles.	Bouquet Reservoir	403.52	ш	ш	ш	ш	ш	ш		a.	¥	Е	-	-		-		-	ч	-	-	-	-	-	-
Fortunes are consistent on all beneficial use tables.								N N							\$ 1 T									M	疆
		Cool	olos ac	Connie	a oo loo	Panafe	of order to	- No.	1	10000		9	Contract Contract	ASSESSMENT PARTY				Outo	Service					١	1

Los Angeles Regional Water Quality Control Board

Table 2-1. Beneficial Uses of Inland		e Wate	irs (Cor	Surface Waters (Continued).	Ţ	1		-	-	-				1		1						Table	Table Page	(1)
WATERSHED.	Hydro. Unit No.	NUN PO	N.	PROC	AGR	GWR	FRSH	NAV PO	POW REC1	C1 REC2	COMM	COMM AQUA	WARM	COLD	SAL	EST	MAR	WILD BIC	BIOL RARE	RE MIGR		SPWN SHELL WET	L WET	7
ER WATERSHED (CO	(TMC						-	-	_							$\vdash$	H	$\vdash$	-	H	-	1	L	_
Mint Canyon Creek	403.51	-	-	-	-	_	_	-	Ē	-			-					ш			_		_	_
Mint Canyon Creek	403.53								<b>E</b> 2	1								E						-
Agua Dulce Canyon Creek	403 55				-	SALES OF THE PARTY	-																	
Aliso Canyon Creek	403.55	. å			. 0	. u		_	- "	- 1			- 1					ш :	_			<u>_</u>		-
Take Highlas	402 64	100	E 9 50	0	1	THE PERSON	September 1	33775	T COLUMN	SOURCE STATE	CONTRACTOR OF	DOLUMBER OF THE PERSON NAMED IN	2	MENTAL	-	- Carrier and Carrier	T. C.		-	-	_		ш	_
Munz Lake	403.51	<b>19</b>	P	4	L	Е	۵ م		ш	a w			ц-ц					E .						100
Lake Elizabeth	403.51	4	۵	۵	a	<u>a</u>	Ь		E		The same of the sa	STORES OF THE PERSON NAMED IN	Е			NICE CON	E		Е					-
	CHARACTER	TO STANDERS	SECONDARION OF	OCCUPANT OF THE PARTY OF THE PA	CANADA PROPERTY.	- CONTRACTOR	and and a	- CONTRACTOR	OTHER PERSONS	-	-							0.00						_
Call Total of the Court of the	10.00						100																	-
Mini I poon o	402 11	7	N. Partolle		Selection					(A)														
Sundar radioous	200					-		ш	<u> </u>	<u> </u>	2			-	-	ш	E		E Ee	Ee.p Ef		Ed	3	_
Calleguas Creek Estuary c	403.11	- 8	The state of the s	-	-	-	-	d	ď		ш					ш	ш	Е	Ee,p	p Ef	Ē		ш	
Calleguas Creek	403.11	4	-	1	ш	w i	ш	是	<b>U</b>	3			ш	ш		3	E		Ę,				3	_
Don't be	100	10	-	E	S. E. Sale	E. C.					S. C. Colonial	1	3			ではいる	F		題思				1	_
revolori siougn	403.11				n	ш	-		Ш	_			ш				ш						ш	_
beardsley wash	403.61	-	THE PERSON NAMED IN	CHARLES AND ADDRESS OF THE PARTY OF THE PART	-	and the same	E	-	3	-	-		Э	1			ш				_			_
Comple Creek	403.12	1	F	E	ш	Ξ.		201 32	53	3			ш				3							_
Conejo Creek	403.03	8	10000	が一般の	No. of Concession,	THE REAL PROPERTY.			1000	が対し、			ST PE	The Park	1000	To Page	E	を			E			_
_	403.64					_	_		-	-			-		_	_	ш		w					_
Arroyo Conejo	403.68	_	-		1	-	_		-	-		100	-	189	2000		ш			_	_			_
Arrayo Santa Rosa	403.83	1800		Sales of the sales							200		-				9			THE REAL PROPERTY.				-
Arroyo Santa Rosa	403.65	髓	A STATE OF						200				HALL				Ē							
North Fork Arroya Conejo	403.64				ш	ш	-	_	ш				ш		-		В		L	L	В			_
Arroyo Las Posas	403.12	-	Ь	4	4	E	- Contract	-	3	9			В	۵			ш							_
Arroyo Las Posas	403.62		۵	d	Ь	<u>.</u>	н		ш	ш			E	Ь			3	Sales and the sa	STATE OF THE PARTY	No. of London		100000	ALC: N	
Arroyo Simi	403.62	à			1.55		To the second			No. of Lot			1				E							_
Arroyo Simi	403.67	-	-			_	_		_	-			-		-		Ш	-						
Tapo Canyon Creek	403.66	-		۵	۵	_			-	-			-		-	-	ш		_					
Tapo Caryon Creek	403.67			d.	Ь		1.		TO SE								HEATT	THE PARTY	TEN LESS	No.	Hamme			
Gillbrand Canyon Greek	403,66	麗															9							
Gillibrand Canyon Creek	403.67					-	-	_	_				-			H	В	H			L	1		
Lake Bard (Wood Ranch Reservoir)	403.67	В	В	ш	ш	Ь			P	ù			ш			_	ш		_					
		0								31) 13)														
LOS ANGELES COUNTY COASTAL STRE	EAMS	-	TO CALL DE LA CALLES	TOTAL PROPERTY.	130 Marie 20 20	Massage and	NAME OF THE OWNER, OWNE		To the last		STATE OF THE PERSON NAMED IN	STATE OF THE PARTY						OH 48						
Arroyo Sequit	404.44	å				_			ш	ш			u	u	_	-	-		_	1	_			
San Nicholas Caryon Creek	404.49			The second													E 6		E SERVICE SERV	3 E	3 M		E	
F. Fyletin basefold use							開																	
	aterbodies	are listed	multiple	otes are consistent on all benefical use tables. Terbodies are listed multiple times if they cross hydrologic area or subarea boundaries	a tables.	hydrologi	C area or	subarna	boundarie		1 Ac	quetic or	anisms u	diize all b	ays, estu	aries, lag	poors and	1 coestal	Aquatic organisms utilize all bays, estuanes, legoons and coastal wetlands, to a certain extent, for spawning	to a certa	ain exten	, for span	wning	
B :	ineficial us	e designa	de suoge	by to all tri	butaries	o the ind	cated wa	lerbody, h	f not listed	reficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.	E	oess pro	hibited by	ent. This	may inclu eles Cou	nty DPW	tion into	areas whi	and early development. This may include migration into areas which are heavily influenced by freshwater input m Access prohibited by Los Angeles County DPW in the concents—channelized areas.	avily influ	neuced b	freshwa	iter inpu	90
<ul> <li>T. P., and I shall be protected as required to was</li> <li>Asterixed MUN designations are</li> </ul>	elerbodies of waterbody.	y. Any re	gulatory	refoodies designated as WET may have wellands habitat associated with only a portion of waterbody. Any regulatory action would require a detailed analysis of the area.	ve wetter	ods habit	of analys	is of the a	only a por	tion of	4	va is cun	rently und	der contro	of the N	avy: swi	n Area is currently under control of the Navy: swimming is prohibited.	prohibite	Ġ.					
designated under SB 88-63 and c Coa	estal wate	rbodies w	which are	istal waterbodies which are also listed in Coastal Features Table (2-3) or in Wedlands	in Coast	al Featur	ss Table	(2-3) or in	Wedand		0	arine hab	oitats of th	e Channe	el Islands	and Mug	u Lagoon	Serve as	o Marine habitats of the Channel Islands and Mugu Lagoon serve as pinneped	D				
Considered for exemptions at a later d Lim	nited public	2 800085	precludes	ite (z-4). Ited public access precludes full utiliazation	ation						H	ibitat of th	p Habitat of the Clapper Rail	e or mon	Habitat of the Claboer Rail	(I.e., 592	lions).							
ails).	e or more	rare spec	des utilize	all ocean.	bays, e.	sturaries.	and coa	stal wetlan	ods for		W .	hanever	a Whenever flow conditions are suitable	Hone are	Suitable									
fora	pue Buide.	ging and/or nesting	ć								- P	blic acon	as prohib	olted by C	Public access prohibited by Calteries MVD	CAM								
												-		- 4a -au	- Selection	MARK.								

Table 2-1 Benefical Uses of Inland	Surface Waters (Continued)	Waters	Cont	inued)		2	s Ange	eles Re	gional	Water	Los Angeles Regional Water Quality Control Board	Control	Board									Te	Table Page	ge 4
	Hydro. Unit No.	MUN	Q.	PROC	AGR	GWR	FRSH	NAV P	POW RE	REC1 RE	REC2 COMM	COMM AQUA WARM	WARM	COLD	SAL	EST	MAR	WILD B	BIOL RA	RARE M	MIGR SP	SPWN SHELL	(ELL W	WET
LA COUNTY COASTAL STREAMS (CONT) Los Alisos Canvon Creek	404.42	å					-		-				-					В		ш		_		
Lachusa Canyon Creek	404.42	£ 8																m m		E C				5
Trancas Canyon Creek	404.37	Ŀ.				2000000	100		E	Em	E	N GERMAN	E	The same of	S S S S S S S S S S S S S S S S S S S	NUMBER OF STREET	Name of the last	В		В		Name of the last		
Dume Lagoon c	404.36				Ť.		5576	ш	п.		E					В		ш		-	-	Pf	-	ш
Dume Creek (Zuma Canyon)	404.36	ů.									w		w _	Э				ш ш		3	۵	<u> </u>		
Escondido Canvon Creek	404.34			No.	NAME OF THE OWNER,	200000000000000000000000000000000000000	THE PERSON NAMED IN	-	The same of the sa	THE REAL PROPERTY.	1		-			CONTRACTOR	The second	ш	-	B				
Latigo Canyon Creek	404.33				Total Spirit	STATE OF THE PARTY			-				-				-	В	-	-1	-	-	Contraction	Colonial Col
Solstice Canyon Creek	404.32	ŭ 1							ω _				ш _					шш			ď	<b>a</b>		
Corral Canvon Creek	404.31	3	Second Second	Tecono.	NICH SERVICE	NIPSER SAN	ZESTATE DE	1000000	- Annual Col		Section of the Control	A COLLEGE	-	SIEPATO	100		-	ш			-			
Carbon Canyon Creek	404.16	å											-				-	ы	-	-	-	-	-	-
Las Flores Canyon Creek	404.15	å																ш						
Piedra Gorda Caryon Creek	404.14		Hills									100	-	ц				<b>1</b>	NAME OF TAXABLE PARTY.					
Tina Canan Creek	404 12	L å							- i-		_			ı		_		ш			-			
I una Canyon Creek	404.12	STATISTICS.	NATIONAL PROPERTY.	STATISTICS.	THEFT	Charles of	CASSES AND	u	TO SHEET STATES	K	u u	STREET,	HIGH	BEESE	1000	10.40	1107113	KENNE	THE PERSON	E.	E	E	2000	ш
Topanga Lagoon c	4 4	å					1000	<b>u</b>			別題 課題		Ü	ш		•		ш			id			
Santa Ynez Canyon	405.13	å							-		E		-					Е	_	ш				
Santa Ynez Lake (Lake Shrine)	405.13							-	-	Pk	E		ш	THE PERSON NAMED IN	1000000	The Street or other	-	Е	- Constitution	0.00000	200000000000000000000000000000000000000	and open	DATE:	Dept.
Santa Monica Canyon Channel	405.13	L à								. 2s			۰.					a u						
Sullivan Canvon Creek	405.13	à	WASSER.		No.	No. of Lot	NO MODE		STATES OF	Name of the last	1		-	MINISTRA	distraction of the	Market	2000000	E		No.	90	COLUMN TO SERVICE STATE OF THE	No.	
Mandeville Canvon Creek	405.13	å					-		_				-					ш	-	-				
Coastal Streams of Palos Verdes	405.11	å											題					ш		E				
Caryon Streams trib, to Coastal	406 42	i	SERVICE OF	STATE OF THE PARTY					100 Miles	5000		The State of the S	-	CONTROL OF			No.	L L		E				A STATE
Bixty Stouch and Harbor Lake	405.12	. å								. ш	. ш		. ш					ш	_	ш				ш
Los Cerritos Welfands o	405.15			SA NO.				ы	130							E		E		Ee	Ы	P.	ш	ш
cos Coortico Chambel Estuary c	405.12		3					3			w w	Zi	0	Service Services	No.	2	E	щ			-		4	<u> </u>
Sims Pond	405.15	ı å									J		-					, ш		-				1
Cocaso Lagoon	405.12										9	100	Д					3					ш	
	405.12	SECTION 1			1000	-							u					4						5
Stone Canyon Reservoir	405.13	<u>.</u> .	ש ע	<b>u</b> u						ť á	. ш	-100	u w					и ш						
Handle Carrott Reservoir	405 14	i), ii	3	E		α				PK,U			2 u					В						F
	- Management	The state of the s	not no all	and on all beneficial	soldet east le	in the	SECURITY SO	NAMES AND ADDRESS OF THE OWNER, WHEN PERSON NAMES AND PER	CONTRACTOR CO.	Militaria Militaria					1	Publica	cress to	Public arreass to reservoir and its surrounding watershed is prohibited by	and its s	punounn	ino water	rshed is	prohibite	A4 pe
P: Potential beneficial use	Waterbodi	es are is	sted mult	iple time	s if they	strotes are consistent on an perfected use carles.  Materbodies are listed multiple times if they cross hydrologic area or subarea boundaries	rologic as	rea or su	barea bo	undaries						the Los	Angeles	the Los Angeles Department of Water and Powe	ent of Wa	ater and	Power.			
1: Intermittent beneficial use	Beneficial Waterbodi	use design	gnations nated as	WET my	all Indus	wellands	habitat at	sed waterbody, ssociated with	1 with only	if not listed separate only a portion of the	eneficial use designations apply to all inbutanes to the indicated waterbody, if not listed separately, aterbodies designated as WET may have wetlands habitat associated with only a portion of the wa	terbody.			E	Access	prohibit	m Access prohibited by Los Angeles County DPW in the concrete	Angeles	County	DPW in	the conc	rete-	

ble 2-1. Benefical Uses of Inland Surface Waters (Continued)	Surface V	Vaters	(Cont	inued).		_	os An	geles f	Region	Los Angeles Regional Water Quality Control Board	er Qu	S A	utrol E	Soard										Table Dage 6	Jane 6
ATERSHED.■	Hydro. Unit No.	N S	2	PROC	AGR	GWR	FRSH	NAV	POW	REC1	REC2	COMM	AQUA	WARM	COMM AQUA WARM COLD	SAL	EST	MAR	WILD	BIOL	RARE	MIGR	SPWN	MIGR SPWN SHELL	WET
ALIBU CREEK WATERSHED Slibu Lagoon c	404.21							ш		w	ш						ш	ш	ш		8	'n	ù		ш
albe Creek Cold Creek	404.21	à å								шш	шш			3	ща				ши		<u> </u>	ш	E		ע פו
Las Virgenes Creek entury Reservoir	404.22	à à								E 10	шш			w w	۵				ш ц		В	۵	۵		ш
alibou Lake sdea Creek	404.24	A A						E	¥ 9.1	w £	<b>B</b> _			3	a				u u		H. H				n m n
sdea Creek Lindero Creek	404.24					-				= 교	w _			w _					3 4						Е
unfo Creek Unfo Creek	404.24	ă ă								E E									шш		L				
estlake Lake	404.25	å						Е		ш	В			ш		The same of the sa		-	В		STATES OF THE PARTY OF THE PART	a la		No.	THE SECTION AND ADDRESS OF THE SECTION ADDRESS

WATERSHED■	Hydro. Unit No.	NOM	QNI	PROC	AGR	GWR	FRSH	NAV	POW REC1		C2 CON	RECZ COMM AQUA WARM COLD	A WARM	COLD	SAL	EST	MAR	WILD	BIOL	RARE MI	MIGR SPWN SHELL W	N SHE	3
MAI IDII CDECK WATEDGUED						T	t	t	H	╀	╀	ŀ	L		T	t	t	t	t	ł	ł	╀	+
Malibu Lagoon c	404.21							ш	ш	ш	1100					ш	ш	u		<u>u</u>		_	_
Mailbu Creek	40421	à					學院院	経験		器器	10000000000000000000000000000000000000		100	3.1					SERVICE SERVIC				
Cold Creek	404.21	å						が経	ш	Ш				Ь				10		E			
Las Virgenes Creek	404.22	å					-	-	_	Em E			В	۵				a a		EP			ľ
voir	404.21	å							ш	E		_	ш				-	=	_	-			
	404 24	A i						<b>3</b>	-	E E			3					3		E			
THE RESERVE OF THE PARTY OF THE	404.43	in Land		States 1	None Section									Ы				E	語				
	404.24					-		_	ш.	E. E.			ш					ш					
TO COMPANY TO COMPANY STATEMENT	404.23	1	STUTSVE	SECURE ASS.	SECTIONS	SHIPMISES	- Annual Property and a second	DEPOSITE DE	- Company	-	Per College	SHOWER	-	200000	ALC: NO.	NEWSONS	-	E	-	-	-	-	-
Triunio Creek	404.24	L d								 E				の政治				ши			源		
e e	404.25	b.	COUNTY OF		The same of	STORY OF THE PERSON	NAME OF TAXABLE PARTY.	E	В	Ш		NAME OF THE OWNER, OWNE	4					3	No.				
Creek	404.25	å		ALIA SCHOOL		_			-				0					. ш	-	-	-	_	
Sreek	404.25	4 1		a		-										2000		3					
STATE OF	404.25		COLUMN			2				33			3					E		E			
Las Virgenes (Westiake) Reservoir Hidden Valley Creek	404.25	n •	п	ш	ш	-				PK, v E	_		۵.				_	ш .	-	-	_	_	_
CONTRACTOR OF THE PARTY OF THE	ACA DA	-6	RESERVED TO	STREET, S	STATISTICS.	100	STATUTE	-	THE REAL PROPERTY.	THE REAL PROPERTY.	STATE OF THE PERSON	SECTION	-	120000	2000000	Service Co.	COLUMN ST	E C	SMITS FOR	ALC: N	AND DESCRIPTION	STATE STATE	200
						٠,		•	_	<b>J</b>			ц.					u ·					<b>W</b>
BALLONA CREEK WATERSHED									-		-		TO SECURITY OF THE PERSON NAMED IN COLUMN NAME	200				No.	200	NAME OF THE PERSON	ACCESS OF THE PERSON		
Ballona Creek Estuary c,w	405.13			100/100		THE PERSON NAMED IN		ш	ш	ш	ш					ш	ш	ш		_	-		
canals c	405.13					2000		=	ш.	麗麗	ш	産の				E	E	E	THE PERSON	100 p	100	3	300
Ballona Wetlands c	405 13	1000		000		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	がある		E	E						E		3	2	Ee Ef	E		
	405.13							E	ш	E	В					ш		ш	9	-	H		3
o Estuary	405.13	à	-	-		-	-	-	а.	Ps E			۵					۵.					
Ballona Creek	405.15	å				2.3			4	Ps .			۵					E					
DOMINGHEZ CHANNEL WATERSHED		Kramen and			K SALUKA	200000						STATE OF THE PERSON NAMED IN		No.	TO ALLE								
	405.12							_	ш	Es	ш					ш	u	ш		Fo	ù		
	405.12	à							A				d	機構				9		1000 Hills	100		
· · · · · · · · · · · · · · · · · · ·																							
LOS ANGELES RIVER WATERSHED	405 13		u					u	L									_			-	$\vdash$	_
Los Angeles River Estuary C,W	APPENDEN	Ped	1	9	SCHOOL STATE		STATES AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I		NAME OF TAXABLE PARTY.				NINGS IN	SECTION S	NAME OF TAXABLE PARTY.	E	-	E	E CONTRACTOR		Ef	-	3
ros Appeiges River	406.15	ā				4 19				1			1				4	u e		•		e L	
les River	405.21	å	۵			ш			В	H	L	L	В					_ H					"
Compton Creek	405.15	å				В	1	-	ш	Es E		_	ш			-		ш			-	_	ш
TRESIDENCE SELECTION OF THE PERSON OF THE PE		e consi	itent on	all benefic	dal use t	ables.										× Pu	olic acces	s to reser	Public access to reservoir and its surrounding watershed is	ts surrour	ding wate	st bed is	
P: Potential beneficial use as .: Intermittent beneficial use		lies are	listed mt.	Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries. Beneficial use designations apply to all tributaries to the indicated waterbody. If not listed separately.	es if they	taries to t	drologic e	irea or su ted water	barres bo body, if r	undaries of listed	ecaratel					od.	prohibited by LADWP	LADWP					
E, P, and I shall be protected as required b	Waterboo	dies des	a betang	Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody	avan yare	wetlands	habitat	ssociate	d with on	y a portio	n of the	waterbody				E AC	ess proh	bited by I	Access prohibited by Los Angeles County DPW in the concrete-	les Count	y DPW in	the conc	ete-
<ul> <li>Asterixed MUN designations are designated under SB 88-63 and RB 89-03.</li> </ul>	Any regulatory action would require a detailed analysis of the area.  Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4).	atory ac	tion wou	Any regulatory action would require a detailed analysis of the area Coastal waterbodies which are also listed in Coastal Features Tab	s detail	Coestal	is of the a	Table (2-	3) or in V	Vettands	rable (2-	÷					Public water supply	areas. supply re	custometed areas.  Public water supply reservoir. Owner prohibits public entry.	Owner pro	hibits pub	lic entry.	
Some designations may be considered effor exemptions at a later date. (See	One or more rare species utilize all ocean, bays, esturaries, and coastal wellands for foraging and/or nesting. Aquatic organisms utilize all bays, estuaries, leocons and coastal wellands to a cartain extent for ensuring and each descriptions.	roanism	species s utilize	utilize all	ocean, t	laccons	and coar	nd coasta	I wettand	s for fora	Jing and/	or nesting	and seath	develop	, and	¥ Pre-	ose areas	gre engi	Inese areas are engineered channels. All references to Tidal Prisms in Regional Board documents are functionally	nents are	All referen	ces to Ta	7
pages 2-3,4 for more details).	This may	include	migration	This may include migration into areas which are heavily influenced by freshwater inputs.	is which	are heav	ly influen	ced by fre	eshwater	inputs.	*			200		be	equivalent to estuaries	o estuarie					
																s Acc	Hong ssec	bited by L	Access prohibited by Los Angeles County DPW.	les Count	W DPW		

ol Board	
Contro	
Quality (	
II Water	
s Regional V	
Los Angeles	
Los	
33	

WATERSHED.	Hydro. Unit No.	NON	<u>N</u>	PROC	AGR	GWR	FRSH	NAV	POW R	REC1 RI	REC2 CO	COMM AQ	AQUA WARM	NRM COLD	LD SAL	IL EST	T MAR	R WILD	D BIOL	JL RARE	RE MIGR		SPWN SHELL	L WET	A
LA RIVER WATERSHED (CONTINUED)									-	H	$\vdash$	H	+	+	-	+	1	+	╀	ŀ	H	+	1	1	_
Rio Hondo below Spreading Grounds	405.15	å				_					ш	-						-	-		-				
Rio Hondo to Spreeding Grounds Plo Hondo	405.15	à i	N 42		10000					H	E	100	Ь			TO THE									100
Alhambra Wash	405.41		22.50		The same	-	1500 E				E .				1			7		3				3	STORY.
Rubio Wash	405 41	å			-					E	_		۵.	_				Δ.	_	ш	_	_			_
Rubio Canvon	405 31	å	Trans.	THE REAL PROPERTY.	STATE OF THE PARTY.	- 10	TO STATE SERVICE	SERVICE STATE	SCHOOL S	E MANUELLE	- COMMISSION	STATE STATE STATE	- Carrier	Constitution	ALCOHOL:	COLUMN TO SERVICE	COMMENTS	3	-	٩	-	-	-	-	-
Eaton Wash	405.41	. &				u -												ш		W		9		H	200
Eaton Wash (below dam)	405.31	å	10000			-	TOTAL PARTY	STREET, STREET		2	Name of		No.				S S	W 1		差					200
Eaton Wash (above dam)	405.31	å				_		-	_			-						u u			***				
Eaton Dam and Reservoir	405.31	å		の対域は				職権		腦	P		No.	200	100 mg	の変数	THE REAL PROPERTY.		200	001 00000	2000	ST KARSES	10000	200000	19
Eaton Canyon Creek	405.31	å			in the second	ш					ш		Ш				100	1 111		L.		L	100	ш	Sec.
Arcadia Wash (lower)	405.41	å				-			4	H	-		d	1	Total Street	200	No. of Lot	0	1		NAME OF TAXABLE PARTY.	THE PERSON NAMED IN		1	100
Arcadia Wash (upper)	405.33	å				_				E			. a	_	- VII			. 0						_	_
Santa Anita Wash (lower)	405.41	å								Pm	2		P		語語			d	開開	3		NAME OF TAXABLE PARTY		S 85512	555
Santa Anita Wash (upper)	405.33	P.	THE REAL PROPERTY.	Section 1		3		起	3	5 <u>11</u>	9		3					Ш		3					BUTT
Little Santa Anita Canyon Creek	405.33	å				-		-	-		_		-		-	_		3		and the second	-	0	-		ii.
Big Santa Anita Reservoir	405.33	å	-			ш			4	_	ш		ш					ш			_				
Santa Anita Canyon Creek	405.33	ŭ				ш			-		3	いる	E	E				3		3		3	NO.	3	1977
Winter Creek	405.33			SACORE .	Harris .	1	No.	田田田	10/9/10	100	Ų.				100		STATES OF	ш	100	のでは		語音器		u	-
East Fork Santa Anita Canyon	405.33	å				ш			ш		Е		Е	ш	-		-	ш		- Indian		E		4	4
Sawpit Wash	405.41	-				_		_	=		_	_	-	-		_	_	ш				1	_	1	_
Sawpit Canyon Creek	405.41	۵.	236									100 mg	1000	題	機器		STATE OF	3	200	E	H 100		THE REAL PROPERTY.		100
Sampit Dam And Reservoir	405.41	ă		Section 1	No.		*		P	-	100	100	100	100	No. of Lot		的道路	Q.	15		は続い			Service of the servic	
Monrovia Canyon Creek	405.41	_				_		-	-	-	-		-			ALCO DE COMP	C PERSONAL PROPERTY.	ш	Signal Straight	No.	1000			4	-
Arroyo Seco S. Of Devil's Gates. (L)	405.15	å				ī			-	-			۵					۵.		_					_
Arroyo Seco S. Of Devil's Gates (U)	405.31	à						100		45 0			Ь			1000	製造製品	٩	問金の	3			2000	200	-
Devil's Gate Reservoir (lower)	405.31	A.	The second			が	STATE OF	田田 日本	E	1	No.	100 May				2000		E		温が					
Devil's Gate Reservoir (upper)	405.32	•				_	-	-	-			_	-	_		L		3			- Control	ON COMMENSAGE	Name of Street	1	
Arroyo Seco	405.32	В	ш	В		ш		- 1	Ш		111		ш	ш				ш						u	_
Millard Canyon Creek El Prieto Camon Creek	405.32	<u>.</u> نا	3 -	<b>3</b>	100	. E			W.	E .			E					3		3					-
Little Bear Canyon Creek	405.32	å	A CONTRACTOR OF	20 Million Co.		-	No. of the least o	No.	-		0000000	No. of the least	-	-											-
Verdugo Wash	405.24	å	**		-	_			. a				_ 0	-				ш о						ш	_
Halls Canyon Channel	405.24	à,				-			NEW THE PERSON NAMED IN	J w	の						1	- E						0	_
Shower Caryon	405.32								- E									ч							_
Shields Canyon	405.24								₤ .			_	-					ш				_		L	_
以 10 mm 10	SERVICE SERVIC	WEST IN	SMARK	所認認識	1000	STREET, STREET,	W. Dasparter	Story Boltz	Taxable III	SELECTION OF THE PERSON	THE STATE OF	SECOND CO.	- Company	THE PERSON	New York Control	CONTRACTOR DE	-	3	-		-				_
· · · · · · · · · · · · · · · · · · ·		1 2					* 1																		_
Existing banaficial use	- oles ace				-	N. Contraction	STATE SEAL	Section 1	Office Pane	Section Science	情に見み	Service Services	Se Selection		State of the state	and the second	No.	<b>用热温度</b>	A DECEMBER	Name of			1000		_

Board
Control
Quality
Water
Regional
ngeles F
Los A

Table 2-1 Benefical Uses of Inland Su	Surface Waters (Continued)	Vaters	(Cont	inued).													1	-	ł	-	-	Table	Table Page
	Hydro. Unit No.	MUN	QNI	PROC	AGR	GWR	FRSH	NAV PC	POW RE	REC1 RE	REC2 COM	COMM AQUA	WARM	COLD	SAL	EST	MAR	WILD B	BIOL	RARE MIG	MIGR SPW	SPWN SHELL WE	T WET
E	40K 24	-	-	_		_		-								-		ш					
2K Introduction of the land of	403.24	THE PERSON	SERVICE STATE	STREET	TANGE ST	GREEN	CONTRACTOR CO.	SPACE GIR	STATE OF THE PARTY IN	1	*200 E/2/G	STATE OF THE PARTY OF	d	ががは	STATE STATE	S SHARE	STATE OF	P. C.		を とり	の記録		経過器
Burbank Western Channel La Tuna Canvon Creek	405.21	ı ä.				-				E								ы					
Trong and a second	405.21	å				-			а.	_			۵	۵		_		۵	_	_	_		
xod Control Basin & Lakes	405.23	å				ш			Ш	-	Е		ш	ш		- Constitution	-	E	-	E	- Constitution	conference	Caleman
55533	405.21	b.								(9)								ши		Į.			
Creek	405.23	ė.			が現場	100	THE PERSON NAMED IN		The state of		The same	1	-	ANS. COLO		BESSES OF	ACCURATE DE	2 4	1000000	-	200		
	405.23	å				- '		-	= 1	-	_ u		_ u	u				J U	=	ш	ш	_	ш
Big Tujunga Canyon Creek	405.23	ď	To Continue	ALEXANDER CO.	-	E	COMMENSAGE	Charles	The state of the s	Sept State	THE STREET	STATE OF THE PARTY OF	S CONTRACTOR	Total Control	20000000	SECTION	NSCHOOL STREET	THE REAL PROPERTY.	NAME AND ADDRESS OF	NAME OF TAXABLE	THE REAL PROPERTY.	METSCARE	NAME OF
Creek	405.23	à à				3 -				u E								3 3		E			5
Creek	405.23	·	4235523			E	-	TOTAL PROPERTY.	E	-	3		۵	۵				В			_	_	ш
Vasquez Cleen	405 23	_		2		ш		-	ш	_	ш		ш	ш				E			+	-	ш
Receivoir	405 23	03			THE REAL PROPERTY.	E			F		E S		E	Ь				3			Ξ.		
	405.23	200				ш			3		E		3	9	146.00			=					E
State of the Control	405.21	å				ш			_	Pm	В		ш	_	i v			ш		ш	2-	_	_
Pacoima Reservoir	405.22					ш		-	ш	-	9	-	В	-	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the	CONTRACTOR OF THE PERSON NAMED IN	CHARLES CO.	E	SCHOOLS	- Constitution	0000000	MAN SALES	- Constant
Pacoima Canyon Creek	405.22	å				3					3		m o	3				ם ע		5	N.		u ·
Stelson Canyon Creek	405.22	Ď.		deli	September 1			S. Actor	1000000		3	The second		The second secon	1		The state of			STATE OF THE PARTY OF			100
Wilson Canyon Creek	405.22	å				_			-	_	<b>.</b>		_					<b>.</b> .		-	_	_	_
May Canyon Creek	405.22	-	-	- Constitution of the last of	-	-	CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED I	CARDINA GO	The second	-	E MANAGEMENT	HILLSHIP	-	OF STREET	STREET, STREET	THE STATE OF THE PERSON NAMED IN	STREET, ST	THE PERSON	SHEET FOR	SECTION SECTION	10000000	Sec. Sec.	900
Sepulveda Flood Control Basin	405.21	ā, i		J		Ε.				ט ע	<b>.</b>		1 -					5 4	力を				1
Bull Creek	405.21	28	The same of	-			CAMPSON IN			-	3	-	4		200000000000000000000000000000000000000	A.R. Innih was		E		E .	-	-	L
Los Angeles Reservoir	405.21		ח נ	ш ь						ć u	u u		ı u					ıw		. ш	-	_	-
Lower Van Norman Reservoir	405.21	13	NAME OF THE PERSON	NAME OF THE OWNER, OWNE	STATE SALES	SERVICE	SECTION.	Name of	SHEED	100	2002000	JEST COL	, Pu	2 12223	STATE OF	THE PERSON	See See	2		200			懸題
Solano Reservoir	405.21	ָה ה						H	No.			100						E					
Aliso Canvon Wash and Creek	405.21					-			-	E	_	_	-					ш					
Limekiln Canyon Wash	405.21	å				-	-			E	1	THE PERSON	-	-	New Section	District Co.	SHORMAN	E	SHOOM	NAME OF TAXABLE PARTY.	TOTAL STATE	SOUTH STATES	NAME OF TAXABLE PARTY.
Browns Canyon Wash and Creek	405.21	åå				-				<u>.</u>			_ a					шА					
McCov Canyon Creek	405.21		-			-					_		-					ш				_	
Dry Canyon Creek	405.21					-		-		E	-	- Company	-	COLUMN TO SERVICE STATE OF THE	-	-	CHOCKED ST.	E	SOME DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON N	District Control	DESCRIPTION OF THE PERSONS	STATE STATE	CORPORATE DESIGNATION OF THE PERSON
Bell Creek	405.21	ā.u	1	ш						5 6	_ u		_ W					ц ш					
Dayton Canyon Creek	405.21	₽-				-					_	_	-					ш		-			
					A Particular	poficial u	September 1	10000	No.						All Sections			THE REAL PROPERTY.				STATE OF THE STATE	A112 COLUM

NOTE	### WATERSHED (CONT)  ### AND RESERVOIRS:  ### AND RESERVOIRS:  ### ### AND				1	+			EEC	REC2 COMM AQUA WARM	KW COLD	SAL	EST	MAR	MILD	BIOL RA	RARE M	MIGR SPW	SPWN SHELL WET	3
RRS.   405.55   Pr.	### WATERSHED (CONT) #### WATERSHED (CONT) ####################################				_				+	+	1		-1		-					
40515   E	Service 408.24 E**  405.15 P**  405.15 E**  405.15 E**  405.15 E**  405.15 E**  405.15 E**  405.15 P**  Whittier N-Frestone 405.15 P**		-							_							_			
405.15   E'   E   E   E   P   P   E   P   P   E   P   P	es 405.15 P*  oir 405.15 E*  ook 405.15 E*  ook 405.15 E*  aske 405.15 E*  405.17 P*  servoir 405.15 P*  finestone BNA-Esutary 405.15 P*  Whittier N-Firestone 405.15 P*						PK,u	50		a.			1	1000						
405.15   FP   FP   FP   FP   FP   FP   FP   F	es 405.15 Proof 405.15 Erook 40			9.0	が記録	がある。	P	W	1000	4					9					
405.15   E' E E E E   P P R E   P	out 405.15 E* out 405.15 E* alse 405						ш	ш		۵					Е			H	L	3
405.15   E'   E   E   E   P   P   P   E   P   P   E   P   P	A05.21 E**  A05.15 E**  A05.15 E**  A05.15 E**  A05.15 E**  A05.15 E**  A05.17 P**  A05.17 P**  A05.17 P**  A05.15 F**  A05.15 F**  Whittier N-Firestone BNd-Equiary A05.15 P**					-	¥	ш		В					ш		-		-	1.
405.15   E'   E   E   E   P   P   P   P   P   P   P	ake 405.15 E* servoir 405.15 E* 405.15 P* 405.15 E* 405.21 P* 405.21 P* FREMAYERSHED 405.15 P* Whittier N-Frestone 405.15 P*						Pk	E		۵				1022	E	遊戲		SERVICE SERVICE		100
405.15   Pr   Pr   Pr   Pr   Pr   Pr   Pr   P	servoir 405.15 P* servoir 405.15 P* 405.21 P* ER WATERSHED 405.15 P* Whittier N-Firestone BNd-Esutary 405.15 P*			日本の変	100		¥	E	がない	Р	1000				ш		の日本			
405.15   E'   E   E   E   E   E   E   E   E	405.15 E*  405.21 P*  405.22 P*  ER WATERSHED 405.15 P*  Whittier N-Firestone 405.15 P*				-	L	a.	ш	-	۵	200			400	E	-	100000000000000000000000000000000000000		No. of Concession, Name of Street, or other parts of the Concession, Name of Street, or other pa	
405.15   PT   PT   PT   PT   PT   PT   PT   P	405.21 P*  ER WATERSHED  Estuary c,w Firestone Blvd-Esutary, 405.15 P*  Whittier N-Firestone 405.15 P*		9				¥	ш	_	۵					ш		-			_
100   405.15   Pr	ERWATERSHED  Estuary c,w Firestone Blvd-Esutary 405.15 P* Whittler N-Firestone 405.15 P*						ť	w l		٩					E					
405.15	Estuary c.w 405.15 Firestone Blvd-Esutary 406.15 P* Whittier N-Firestone 405.15 P*					_									Name of the last					
100   100	Finestone Blvd-Equiary 406.15 Pr Whittier N-Firestone 405.15 Pr		SECTION S.	Character	CONTRACTOR OF THE PERSON	SUMPRESSES.	CHARLES AND IN	-	Negative Brand	-	The state of the state of							-		
405.45   P*   P*   P*   P*   P*   P*   P*   P	Whittier N-Firestone 405.15 P*				u -		ш й	<b></b>	w	•			В	ш	9 0	3	Per de la constante de la cons	100000	Ь	
405.41 P*				-	National Street	STATE OF STA	Em	4	TATION OF THE PARTY OF THE PART	-		Name of the last	No.	Section 1	-					400
405.42   E   E   E   E   E   E   E   E   E	405.41			_		_	Ē	_		-					JL			_		
405.43   For uses please see UPPER SAN GABREL TRIBUTARIES below     405.43   For uses please see UPPER SAN GABREL TRIBUTARIES below     405.43   For uses please see UPPER SAN GABREL TRIBUTARIES below     405.41   P*   P*   P*   P*   P*   P*   P*   P	405.42 E		3	ш			. 3	3		3		200			3				THE SECOND	
405.43   For uses please see UPPER SAN GABREL TRIBUTARIES below   405.43   For uses please see UPPER SAN GABREL TRIBUTARIES below   405.43   For uses please see UPPER SAN GABREL TRIBUTARIES below   405.41   P*   P*   P*   P*   P*   P*   P*   P	405.43	SECTION AND PERSONS NAMED IN	E	E		SHEE	=	ш	の表現の	=					E			3		
405.43   For uses please see UPPER SAN GABRIEL TRIBUTARIES below   405.43   For uses please see UPPER SAN GABRIEL TRIBUTARIES below   405.41   P*   P*   P*   P*   P*   P*   P*   P	405.43	please se	Se UPPE	SANG	ABRIEL	TRIBUTA	RIES bei	wo	-		_					-	-		_	
405.45   Pr   Pr   Pr   Pr   Pr   Pr   Pr   P	403.43	piease se	Se OPPE	SANG	ABRIEL	TRIBUTA	RIES bel	WO	-	The Contractor	-	-					-		_	
405.41   P*   E   E   E   E   E   E   E   E   E	405.15	piedse se	e OFFE	SANG	ABRIEL	KIBULA	RIES be	WO	100									温度		
405.41   Pr   405.42   Pr   1   Pm	405 41 P*			믓	1000000	STREET, STREET	J.	Section 1				2010		No.	4	· ·				
405.51   Pr   405.51   Pr   1   Pm	405.41	_		J (L			ш	u u		ט ע	u				ш	<u>.</u>	•			-
405.51   Pr   405.52   Pr	405.41			の	No. of Lot	Sec. Comment	- md	1995	SECOND	S. C. C. C.	NAME OF		16571140	To March		244	200	MINNER	COMMO	MARCIN E
405.52 P**  406.52 P**  406.54 P**  406.41 P**  406.41 P**  406.41 P**  406.41 P**  406.41 P**  406.41 P**  Foolooles are consistent on all beneficial use labbes.  Foolooles are consistent on all beneficial use labbes.  Foolooles are accomplished analysis of the area.  Consist weekendoods which are all obtained analysis of the area.  Consist weekendoods which are all obtained analysis of the area.  Consist weekendoods which are all obtained analysis of the area.  Consist weekendoods which are all obtained analysis of the area.	15 300 × 105 51					利の日本	Pm	18						1500	, 13					
405.52 P* 405.41 P* 405.41 P* 405.41 P* 405.41 P* 405.41 P*  405.41 P*  405.41 P*  Footboles are consistent on all beneficial use lables.  Footboles are consistent on all beneficial use lables.  Footboles are consistent on all beneficial use lables.  Footboles are sometime as WET may have weltered with only a portion of the waterbody. Any regulatory action would require a detailed analysis of the area.  The control of the waterbody and the service of the waterbody. Any regulatory action would require a detailed analysis of the area.  The control of the waterbody of the waterbody of the waterbody of the waterbody. Any regulatory action would require a detailed analysis of the area.  The control of the waterbody of the waterbody of the the waterbody of the waterbod	405.41			_			۵	-	-	۵					d	ORGAN CHIEF				
405.63 PP P P P P P P P P P P P P P P P P P	405.52			-			Ē	-		-					ш		_			
405.41 P* 1 Im 1 I	Add A Descriptor Add Card																			
405.41 Pr 1 Pr	405.41	AND PERSONAL PROPERTY.				大型製料									E					
405.41 P* E E PX 405.41 P* E E PX E E E E E E E E E E E E E E E E	405.41	_		_		5777	8		1000	- 0					<b>.</b>	-	-			ш
405.41 P* E E PX 405.41 P* E E PX E E E E E E E E E E E E E E E E	nvon Creek			2000年	1000		SECTION .		STEER STATE	NAME OF TAXABLE PARTY.	STATE OF	THE STATE		THE PERSON		STREET, STREET	Security	2012/00/20	CONTRACTOR OF	
Footpoles are consistent on at beneficial use tables.  Footpoles are consistent on at beneficial use tables.  a Waterbodies are spirated multiple times if they cross hydrologic area or subarres boundaries.  wherefice are despiration, and thouse they to be included waterbody. A not listed separately.  D. Waterbodies despiration and thouse wetternot have the controlled waterbody and the properties of the waterbodies despirately are also beneficed analysis of the area.  Any regulatory action would require a detailed analysis of the area.  C. Coastal wetthodies which are also bested in Coastal features Table (2-3) or in Waterbodies after a since bested in Coastal wetthod for front or an appendix all oceans. Pays, softwarfes, and coastal wettending and/or nashro.															u u					H.
Footpoles are consistent on all beneficial use labbas.  a Waterfootes are listed multiple times if they cross hydrologic area or subarea boundaries.  Beneficial use designation septy to all thouses to the incidental waterbook; not listed seperately.  Meterbookes designated as WET may then weterfoot for the listed seperately.  Any regulatory action would require a detailed analysis of the area.  Any regulatory action would require a detailed analysis of the area.  Costall weterbooks which are also besed in Costall resulters Table (2-3) or in Waterrot Stable (2-4).	405.41			ш	-	-	ď	E		В			NAME OF TAXABLE PARTY.	No.	В		-			
Footpoiss are consistent on at beneficial use tables.  a Waterfootes are listed multiple times if they cross hydrologic area or subarea boundaries.  Beneficial use adeparation septy to all thouses to the incidented waterbody. A not listed seperately.  Meterbodies designated as WET may then wettends habital associated with only a portion of the waterbody. X A fay regulatory action would require a detailed analysis of the area.  Any regulatory action would require a detailed analysis of the area.  Costall wetthodies which are also beared in Costaller features Table (2-3) or in Waterbodies after a site of the area.  E. Costall wetthodies which are also beared in Fourtee in Section 19 or in Waterbody and the section 19 of the or more present species utilizes all occess. It is pays estimates and costal wetterforce.		1000																嚴		
a Waterbodies are listed multiple times if they cross hydrologic area or subarea boundaries.  Beneficial use designations apply to all tributeries to the incidente waterbody. If not listed separately.  Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody. X A hay regulatory action would require a detailed analysis of the area.  Coastal wetshooties which are also listed in Coastal Features Table (2-3) or in Waterbodies and to the sail of seatures and coastal wetshooties which are also listed in Coastal Features Table (3-3) or in Wetlands Table (3-4).	Fo	n all benefix	cial use lai	Nes.																
D. Waterbodes designated as WET may have wetlands habitat associated with only a portion of the waterbody. X. Any regulatory action would require a detailed analysis of the area. 33. C. Costati wetchoolies which are also fasted in Costati Features Table (3-3) or in Wetlands Table (2-4). 2 Dre or more rare species billiza all locate, beys, esturates, and costati wetlands for foreigning and/or nesting.	•	multiple tim lons apply t	es if they o	ross hydr	ologic area indicated	a or subarra waterbody	s boundar	ies. ed separate	Ž.				pional Bou	rd docume	and change ints are fu Angeles C	inctionally county DP	erences equivaler W in con	o lidal Pri nt to estua prete-chan	sms ries. nelized ar	988
eact One or more rare species utilize all ocean, bays, esturaries, and coastal wedands for foraging and/or nesting.		d as WET r. ould require	nay have	settands h	abitat ass of the area	ociated wit	h only a po	ortion of the	waterboo	÷	~ , ,		eservoir is	covered a	ind thus ir	accessible (accessible	<u>s</u>			
	e -	es utilize all	ocean, be	ys, estura	ries, and c	coastal wet	lands for fo	ds Table (2 braging and	Vor nestin	ø						(afee				
construction and control organization of the control of the contro		tion into are	as which a	agoons a	influenced	d by freshy	vater input	n extent, for	r spawnin	g and ear	y develop	nent.								

Board
Control
Quality
Water
egional
geles R
Los An
_

Table Page 9

Table 2-1. Benefical Uses of Inland S	Ballo	Surface waters (Commissed)	3	· lanni													۱	I		۱	l	l	l	ſ
WATERSHED.	Hydro. Unit No.	MUN	ON ON	PROC A	AGR G	GWR FF	FRSH NA	NAV POW	W REC1		COMM	REC2 COMM AQUA WARM COLD	WARM		SAL	EST	MAR	WLD	BIOL	RARE	MIGR SP	SPWN SHELL	LL WET	4. 1
NATERSHED (CONT	105.41	å				-			-	-			-				_	ш				-		
Bell Canyon Creek	465.48								md I				d					d						335
Little Datton Camon Greek	1405.45	a.																1					W.	
San Dimas Wash (lower)	405.41	å.				_	-	_	<u>E</u>	-	_							ם נ		ש		37		
San Dimas Wash (upper)	405.44	å		-	-	E	- Constant	Separation of the least of the	E	-	OCCUPATION.	CANDING .	- Land		The Rowse	CHRISTIAN CO.	SPERMENT	E STATE OF	100000 BES	The same of	PARTIES.	900	STEP STORY	-
San Dimas Dam and Reservoir	405.44	n (r				шш			, m	шш			E E	<b>W</b>				ш					3	18.0
West Fork San Dimas Canyon		Ŀ				E			ш	ш			ш	۵				ш		_			ш	
Wolfskill Canyon	405.44	ů	26.00			В		1	ш	-			В	۵	1	-	-	3	ACCUPATION NAMED IN	3	acount com	- CONTRACTOR	a month	
Puddingstone Dam and Reservoir	405.52	ù ù			ш	<b>.</b> .			шĒ	ш –			E	ш				шш		2				3158
Marshall Creek and Wash	405.41	E.	DIES VALLE		Semilina Marianta Ma Marianta Ma Mata Marianta Marianta Marianta Marianta Ma Marianta Marianta Ma Ma Marianta Ma Marianta Marianta Marianta Marianta Marianta Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma Ma	-			E	-			-					ш				_		9
Marshall Creek and Wash	405.53	ů				_	_		<u>E</u>	-			-		-	1	- Common	Е	-	E	-	ontohous	E	8
Live Oak Wash	406.52	ů ů						5.7		τŚ		140						u u	1000					All I
Live Oak Creek And Wash	405.53	Ŀ.	100			-	E		E	8	9		Е	ACCOUNT NAME OF THE OWNER,			THE MAN AND AND AND AND AND AND AND AND AND A	Е			-	-	-	
Emerald Creek And Wash	405.53	ů				_	_	-	Ē	-			-		-	-	NAME AND ADDRESS OF THE PERSON	В	The street of the street	- Constitution	-	-	-	-
Santa Fe Flood Control Basin	405.41	ă.			1 1 1				Δ.									шш						E STATE
Bradbury Cahyon Creek	40541	ò		STATE OF THE PARTY		-	NAME OF TAXABLE PARTY.	Control of the last	-		S S S S S S S S S S S S S S S S S S S	The Special Control	-	STATE AND	AND THE REAL PROPERTY.	The same of the sa	COLUMNIA	E	200	Mary and a	S C C C C C C C C C C C C C C C C C C C		-	
Spinks Canyon Creek	405.41	L å				_			_	-			-					ш	-		_		-	
Maddock Canyon Creek	403.43	1000	CONTRACTOR	TO CHEMICAL SERVICE	SECURE OF	Charles and	NOTES SEE	CHORESCHOOL	STATE OF THE PERSON	12	THE PARKET	100 Com	No. of London	SECTION AND ADDRESS.	SECTION	WEST THE	2000	SESSE	No. of Concession, Name of Street, or other Persons and Street, or other P	E		SECTION SECTION	SERVICE STATE	題
Van Tassel Carryon Eish Conner Creat	400.43	d d	-			E			ш	w w			. u					E		ı B		E		E
Roberts Canvon Creek	405.43	1				-	-		-	-	_		-					ш	_	ш			ш	Е
Morris Reservoir	405.43	_	ш	Е	Е	В		-	-	ш	-	-	ш	В	-	-	Canadana	E	- Contraction	DESCRIPTION OF THE PERSON	and another	E	PERMITTE	200
San Gabriel Reservoir	405.43 DIEC	ш		ш	坦	ш.		4	E	<b>u</b>			in .	ш				<b>3</b>						
Can Cabriel River Main Stem 7	405.43	┖	В	E	Е	ш		-	В	-			Е	В				В			7	-	_	
Cattle Canyon Creek	405.43	å				Е		-	Э	-	_	-	ш	В	- Contraction	-	- Control of the Control	В	The same of the sa	E	NOTIFICATION OF THE PERSON	E	S CONTRACTOR	1
Coldwater Canyon Creek	405 43	a a				шш			w w	ш ш			<u> 1</u>	n in				u u		шш		и ш		u u
Con Carried Class	405.43	8			NAME OF THE OWNER, OF THE OWNER,	ш	Designation of the last		E	-		The same of the sa	ш	ш				ш		ш		E		111
Allison Gulch	405.43	. å.				ш			ш	ш			ш	ш	- Political			ш				ш	-	,,,
Tight Cold	406.43	935				E			ш	<b>B</b>			1	<b>4</b> 3				<b>U</b>				w.		E
													N. C.		Name of the last	No.			O COLUMN TO THE PERSON TO THE					
							Bit I													Balls O				9
			特技										T CONTROLL											
E: Existing beneficial use	Footnotes	are consis	consistent on all ber	all benefit	times if they cro	bles. cross hy	drologic &	int on all benefical use tables.  ed multiple times if they cross hydrologic area or subarrea bounderies	varea bou	undaries														
P. Potential beneficial use	Renefici	of use de	notion	ons apply to all tributaries to	n all tribu	aries to	he indica	ted watert	body, if not listed separat	of listed s	eparately													

Table 2-1. Benefical Uses of Inland S	Surface Waters (Continued).	Wate	ers (Co	ntinue	1).		os An	geles h	egiona	ıı Wate	Los Angeles Regional Water Quality Control Board	y Cont	rol Boa	2									Table F	Table Page 10
WATERSHED.	Hydro. Unit No.	MUN	QNI	PROC	AGR	GWR	FRSH	NAV	POW	REC1 F	REC2 CO	COMM AC	AQUA W	WARM CC	COLD SAL	. EST	MAR	will a	D BIOL	RARE	MIGR		SPWN SHELL	WET
SAN GABRIEL RIVER WATERSHED (CON) North Fork San Gabriel River	n 405 43	_		_		u				u	u				<u> </u>		-	-	L	,	ļ	,		ı
30年1月20日日	AND AND	- 85	Deposition of	TO STREET	TREATMENT TO THE	- Contraction	CONTRACTORNIA	Manage	COLUMN DE	ET MATERIAL SEC	2	000000000000000000000000000000000000000	STORE COMM	.1	-	-	-	4	-	3	-	4	-	E
	405.43	۵.				a _				<u> </u>	<u> </u>			E	9			шш		۵		W W		
Cedar Creek	405.43					3				В	E	-	F	H		L	L	В	L	3	L	Е		Ε
	405.43									ш	ш	_			ш		_	ш		E		ш		
	405.43	ESSCI.																E				3		
Gapnel River	405,43	208				ME.		To the		<b>u</b>	E			羅	9			<b>W</b>		E		E		Ε
	405.43					ш				ш	ш	-		_				ш		ш		ш		ш
Cogswell Reservoir	405.43	-1	-	-		В				Е	Е	-		-		_	_	ш				ш		
Devits Canyon Creek	405.43	å				ш				ш	ш			H.				ш				¥		ш
STOCK CONTENT OF THE POPULATION OF THE POPULATIO										-				SERVICE SERVIC	-							and the same	2000	20000
						12.11.22	STEEL STEEL		100000000000000000000000000000000000000	-5	Sales Sales	Total Control		- 10		0.00		- 0	-			-		
Anacapa Island San Nicolas Island	406.10	à à								۵. ۵				a 0				ш b		E E	100			
A STATE OF THE PARTY OF THE PAR	406.30	1		N N N N N N N N N N N N N N N N N N N	STATE OF	STATE OF THE PERSON NAMED IN		STATE OF THE PERSON NAMED IN	No. of the last	E	E		2000	S CONTRACTOR		100		4		у п	CONTRACT		No.	Parents.
	406.40					ш				w	ш	_	_	ш		_		ш		ш				
6	406.40					Ε	The second			3	E		1000	E .				E		3			1000	
San Clemente Island	406.50	626				9				ш	E				TO THE			E		3				
										_		_												
ERSHED ab	481.23	, lu				E				9	E.			200				1		100				
San Antonio Canyon Creek	481.23			ш	В	ш			В	ш	E				E	AL STATE OF THE ST		E			NO MONTH	E	SECOND SECOND	N. Contraction
から 一川 地名 一川																								
											_			_		_								
								_					_	_	_									
					<b>新星型</b>																			100
人,这是这种是一个是一种的一种,也是一种的一种的一种,也是一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一							Ī			ない														
									-	-			_					_	_					
E: Existing beneficial use	Foot	e seton	de Consi	on luct	" bacafi	of near la	1				Name and Address	di park	j					1000	1		15.00%			

# Appendix D Standard Urban Storm Water Mitigation Plan

## **Appendix D Standard Urban Storm Water Mitigation Plan**

## **Appendix D Standard Urban Storm Water Mitigation Plan**